//100 LED's Light Bar Long Method.

 //A006

//Pat McMahon 5/7/2020.

//This long method from first principles is to explain Multiplexing Connections.

//Positives of LED 1 to 10 all connected together to 0, 11 TO 20 all connected to 1, 21 to 30 to 2 etc.

//Negative 9 to negative of LED 1.

//Negative 10 to negative of LED 1.

//Negative 11 to negative of LED 2.

//Negative 12 to negative of LED 3.

//Negative 13 to negative of LED 4.

//Negative A0 to negative of LED 5.

//Negative A1 to negative of LED 6.

//Negative A2 to negative of LED 7.

//Negative A3 to negative of LED 8.

//Negative A4 to negative of LED 9.

//Negative A5 to negative of LED 10.

int delayTime1=100;

void setup() {

 // put your setup code here, to run once:

pinMode(0,OUTPUT);

pinMode(1,OUTPUT);

pinMode(2,OUTPUT);

pinMode(3,OUTPUT);

pinMode(4,OUTPUT);

pinMode(5,OUTPUT);

pinMode(6,OUTPUT);

pinMode(7,OUTPUT);

pinMode(8,OUTPUT);

pinMode(9,OUTPUT);

pinMode(10,OUTPUT);

pinMode(11,OUTPUT);

pinMode(12,OUTPUT);

pinMode(13,OUTPUT);

pinMode(A0,OUTPUT);

pinMode(A1,OUTPUT);

pinMode(A2,OUTPUT);

pinMode(A3,OUTPUT);

pinMode(A4,OUTPUT);

pinMode(A5,OUTPUT);

}

void loop() {

//LED's run Down.

digitalWrite(0,HIGH),digitalWrite(10,LOW),digitalWrite(9,HIGH),digitalWrite(A5,LOW),delay(delayTime1),digitalWrite(9,LOW),digitalWrite(A5,HIGH),digitalWrite(0,LOW),digitalWrite(10,HIGH); //LED100//LED1

digitalWrite(0,HIGH),digitalWrite(11,LOW),digitalWrite(9,HIGH),digitalWrite(A4,LOW),delay(delayTime1),digitalWrite(9,LOW),digitalWrite(A4,HIGH),digitalWrite(0,LOW),digitalWrite(11,HIGH); //LED99 //LED2

digitalWrite(0,HIGH),digitalWrite(12,LOW),digitalWrite(9,HIGH),digitalWrite(A3,LOW),delay(delayTime1),digitalWrite(9,LOW),digitalWrite(A3,HIGH),digitalWrite(0,LOW),digitalWrite(12,HIGH); //LED98 //LED3

digitalWrite(0,HIGH),digitalWrite(13,LOW),digitalWrite(9,HIGH),digitalWrite(A2,LOW),delay(delayTime1),digitalWrite(9,LOW),digitalWrite(A2,HIGH),digitalWrite(0,LOW),digitalWrite(13,HIGH); //LED97//LED4

digitalWrite(0,HIGH),digitalWrite(A0,LOW),delay(delayTime1),digitalWrite(0,LOW),digitalWrite(A0,HIGH); //LED5

digitalWrite(0,HIGH),digitalWrite(A1,LOW),delay(delayTime1),digitalWrite(0,LOW),digitalWrite(A1,HIGH); //LED6

digitalWrite(0,HIGH),digitalWrite(A2,LOW),delay(delayTime1),digitalWrite(0,LOW),digitalWrite(A2,HIGH); //LED7

digitalWrite(0,HIGH),digitalWrite(A3,LOW),delay(delayTime1),digitalWrite(0,LOW),digitalWrite(A3,HIGH); //LED8

digitalWrite(0,HIGH),digitalWrite(A4,LOW),delay(delayTime1),digitalWrite(0,LOW),digitalWrite(A4,HIGH); //LED9

digitalWrite(0,HIGH),digitalWrite(A5,LOW),delay(delayTime1),digitalWrite(0,LOW),digitalWrite(A5,HIGH); //LED10

digitalWrite(1,HIGH),digitalWrite(10,LOW),delay(delayTime1),digitalWrite(1,LOW),digitalWrite(10,HIGH); //LED11

digitalWrite(1,HIGH),digitalWrite(11,LOW),delay(delayTime1),digitalWrite(1,LOW),digitalWrite(11,HIGH); //LED12

digitalWrite(1,HIGH),digitalWrite(12,LOW),delay(delayTime1),digitalWrite(1,LOW),digitalWrite(12,HIGH); //LED13

digitalWrite(1,HIGH),digitalWrite(13,LOW),delay(delayTime1),digitalWrite(1,LOW),digitalWrite(13,HIGH); //LED14

digitalWrite(1,HIGH),digitalWrite(A0,LOW),delay(delayTime1),digitalWrite(1,LOW),digitalWrite(A0,HIGH); //LED15

digitalWrite(1,HIGH),digitalWrite(A1,LOW),delay(delayTime1),digitalWrite(1,LOW),digitalWrite(A1,HIGH); //LED16

digitalWrite(1,HIGH),digitalWrite(A2,LOW),delay(delayTime1),digitalWrite(1,LOW),digitalWrite(A2,HIGH); //LED17

digitalWrite(1,HIGH),digitalWrite(A3,LOW),delay(delayTime1),digitalWrite(1,LOW),digitalWrite(A3,HIGH); //LED18

digitalWrite(1,HIGH),digitalWrite(A4,LOW),delay(delayTime1),digitalWrite(1,LOW),digitalWrite(A4,HIGH); //LED19

digitalWrite(1,HIGH),digitalWrite(A5,LOW),delay(delayTime1),digitalWrite(1,LOW),digitalWrite(A5,HIGH); //LED20

digitalWrite(2,HIGH),digitalWrite(10,LOW),delay(delayTime1),digitalWrite(2,LOW),digitalWrite(10,HIGH); //LED21

digitalWrite(2,HIGH),digitalWrite(11,LOW),delay(delayTime1),digitalWrite(2,LOW),digitalWrite(11,HIGH); //LED22

digitalWrite(2,HIGH),digitalWrite(12,LOW),delay(delayTime1),digitalWrite(2,LOW),digitalWrite(12,HIGH); //LED23

digitalWrite(2,HIGH),digitalWrite(13,LOW),delay(delayTime1),digitalWrite(2,LOW),digitalWrite(13,HIGH); //LED24

digitalWrite(2,HIGH),digitalWrite(A0,LOW),delay(delayTime1),digitalWrite(2,LOW),digitalWrite(A0,HIGH); //LED25

digitalWrite(2,HIGH),digitalWrite(A1,LOW),delay(delayTime1),digitalWrite(2,LOW),digitalWrite(A1,HIGH); //LED26

digitalWrite(2,HIGH),digitalWrite(A2,LOW),delay(delayTime1),digitalWrite(2,LOW),digitalWrite(A2,HIGH); //LED27

digitalWrite(2,HIGH),digitalWrite(A3,LOW),delay(delayTime1),digitalWrite(2,LOW),digitalWrite(A3,HIGH); //LED28

digitalWrite(2,HIGH),digitalWrite(A4,LOW),delay(delayTime1),digitalWrite(2,LOW),digitalWrite(A4,HIGH); //LED29

digitalWrite(2,HIGH),digitalWrite(A5,LOW),delay(delayTime1),digitalWrite(2,LOW),digitalWrite(A5,HIGH); //LED30

digitalWrite(3,HIGH),digitalWrite(10,LOW),delay(delayTime1),digitalWrite(3,LOW),digitalWrite(10,HIGH); //LED31

digitalWrite(3,HIGH),digitalWrite(11,LOW),delay(delayTime1),digitalWrite(3,LOW),digitalWrite(11,HIGH); //LED32

digitalWrite(3,HIGH),digitalWrite(12,LOW),delay(delayTime1),digitalWrite(3,LOW),digitalWrite(12,HIGH); //LED33

digitalWrite(3,HIGH),digitalWrite(13,LOW),delay(delayTime1),digitalWrite(3,LOW),digitalWrite(13,HIGH); //LED34

digitalWrite(3,HIGH),digitalWrite(A0,LOW),delay(delayTime1),digitalWrite(3,LOW),digitalWrite(A0,HIGH); //LED35

digitalWrite(3,HIGH),digitalWrite(A1,LOW),delay(delayTime1),digitalWrite(3,LOW),digitalWrite(A1,HIGH); //LED36

digitalWrite(3,HIGH),digitalWrite(A2,LOW),delay(delayTime1),digitalWrite(3,LOW),digitalWrite(A2,HIGH); //LED37

digitalWrite(3,HIGH),digitalWrite(A3,LOW),delay(delayTime1),digitalWrite(3,LOW),digitalWrite(A3,HIGH); //LED38

digitalWrite(3,HIGH),digitalWrite(A4,LOW),delay(delayTime1),digitalWrite(3,LOW),digitalWrite(A4,HIGH); //LED39

digitalWrite(3,HIGH),digitalWrite(A5,LOW),delay(delayTime1),digitalWrite(3,LOW),digitalWrite(A5,HIGH); //LED40

digitalWrite(4,HIGH),digitalWrite(10,LOW),delay(delayTime1),digitalWrite(4,LOW),digitalWrite(10,HIGH); //LED41

digitalWrite(4,HIGH),digitalWrite(11,LOW),delay(delayTime1),digitalWrite(4,LOW),digitalWrite(11,HIGH); //LED42

digitalWrite(4,HIGH),digitalWrite(12,LOW),delay(delayTime1),digitalWrite(4,LOW),digitalWrite(12,HIGH); //LED43

digitalWrite(4,HIGH),digitalWrite(13,LOW),delay(delayTime1),digitalWrite(4,LOW),digitalWrite(13,HIGH); //LED44

digitalWrite(4,HIGH),digitalWrite(A0,LOW),delay(delayTime1),digitalWrite(4,LOW),digitalWrite(A0,HIGH); //LED45

digitalWrite(4,HIGH),digitalWrite(A1,LOW),delay(delayTime1),digitalWrite(4,LOW),digitalWrite(A1,HIGH); //LED46

digitalWrite(4,HIGH),digitalWrite(A2,LOW),delay(delayTime1),digitalWrite(4,LOW),digitalWrite(A2,HIGH); //LED47

digitalWrite(4,HIGH),digitalWrite(A3,LOW),delay(delayTime1),digitalWrite(4,LOW),digitalWrite(A3,HIGH); //LED48

digitalWrite(4,HIGH),digitalWrite(A4,LOW),delay(delayTime1),digitalWrite(4,LOW),digitalWrite(A4,HIGH); //LED49

digitalWrite(4,HIGH),digitalWrite(A5,LOW),delay(delayTime1),digitalWrite(4,LOW),digitalWrite(A5,HIGH); //LED50

digitalWrite(5,HIGH),digitalWrite(10,LOW),delay(delayTime1),digitalWrite(5,LOW),digitalWrite(10,HIGH); //LED51

digitalWrite(5,HIGH),digitalWrite(11,LOW),delay(delayTime1),digitalWrite(5,LOW),digitalWrite(11,HIGH); //LED52

digitalWrite(5,HIGH),digitalWrite(12,LOW),delay(delayTime1),digitalWrite(5,LOW),digitalWrite(12,HIGH); //LED53

digitalWrite(5,HIGH),digitalWrite(13,LOW),delay(delayTime1),digitalWrite(5,LOW),digitalWrite(13,HIGH); //LED54

digitalWrite(5,HIGH),digitalWrite(A0,LOW),delay(delayTime1),digitalWrite(5,LOW),digitalWrite(A0,HIGH); //LED55

digitalWrite(5,HIGH),digitalWrite(A1,LOW),delay(delayTime1),digitalWrite(5,LOW),digitalWrite(A1,HIGH); //LED56

digitalWrite(5,HIGH),digitalWrite(A2,LOW),delay(delayTime1),digitalWrite(5,LOW),digitalWrite(A2,HIGH); //LED57

digitalWrite(5,HIGH),digitalWrite(A3,LOW),delay(delayTime1),digitalWrite(5,LOW),digitalWrite(A3,HIGH); //LED58

digitalWrite(5,HIGH),digitalWrite(A4,LOW),delay(delayTime1),digitalWrite(5,LOW),digitalWrite(A4,HIGH); //LED59

digitalWrite(5,HIGH),digitalWrite(A5,LOW),delay(delayTime1),digitalWrite(5,LOW),digitalWrite(A5,HIGH); //LED60

digitalWrite(6,HIGH),digitalWrite(10,LOW),delay(delayTime1),digitalWrite(6,LOW),digitalWrite(10,HIGH); //LED61

digitalWrite(6,HIGH),digitalWrite(11,LOW),delay(delayTime1),digitalWrite(6,LOW),digitalWrite(11,HIGH); //LED62

digitalWrite(6,HIGH),digitalWrite(12,LOW),delay(delayTime1),digitalWrite(6,LOW),digitalWrite(12,HIGH); //LED63

digitalWrite(6,HIGH),digitalWrite(13,LOW),delay(delayTime1),digitalWrite(6,LOW),digitalWrite(13,HIGH); //LED64

digitalWrite(6,HIGH),digitalWrite(A0,LOW),delay(delayTime1),digitalWrite(6,LOW),digitalWrite(A0,HIGH); //LED65

digitalWrite(6,HIGH),digitalWrite(A1,LOW),delay(delayTime1),digitalWrite(6,LOW),digitalWrite(A1,HIGH); //LED66

digitalWrite(6,HIGH),digitalWrite(A2,LOW),delay(delayTime1),digitalWrite(6,LOW),digitalWrite(A2,HIGH); //LED67

digitalWrite(6,HIGH),digitalWrite(A3,LOW),delay(delayTime1),digitalWrite(6,LOW),digitalWrite(A3,HIGH); //LED68

digitalWrite(6,HIGH),digitalWrite(A4,LOW),delay(delayTime1),digitalWrite(6,LOW),digitalWrite(A4,HIGH); //LED6

digitalWrite(6,HIGH),digitalWrite(A5,LOW),delay(delayTime1),digitalWrite(6,LOW),digitalWrite(A5,HIGH); //LED70

digitalWrite(7,HIGH),digitalWrite(10,LOW),delay(delayTime1),digitalWrite(7,LOW),digitalWrite(10,HIGH); //LED71

digitalWrite(7,HIGH),digitalWrite(11,LOW),delay(delayTime1),digitalWrite(7,LOW),digitalWrite(11,HIGH); //LED72

digitalWrite(7,HIGH),digitalWrite(12,LOW),delay(delayTime1),digitalWrite(7,LOW),digitalWrite(12,HIGH); //LED73

digitalWrite(7,HIGH),digitalWrite(13,LOW),delay(delayTime1),digitalWrite(7,LOW),digitalWrite(13,HIGH); //LED74

digitalWrite(7,HIGH),digitalWrite(A0,LOW),delay(delayTime1),digitalWrite(7,LOW),digitalWrite(A0,HIGH); //LED75

digitalWrite(7,HIGH),digitalWrite(A1,LOW),delay(delayTime1),digitalWrite(7,LOW),digitalWrite(A1,HIGH); //LED76

digitalWrite(7,HIGH),digitalWrite(A2,LOW),delay(delayTime1),digitalWrite(7,LOW),digitalWrite(A2,HIGH); //LED77

digitalWrite(7,HIGH),digitalWrite(A3,LOW),delay(delayTime1),digitalWrite(7,LOW),digitalWrite(A3,HIGH); //LED78

digitalWrite(7,HIGH),digitalWrite(A4,LOW),delay(delayTime1),digitalWrite(7,LOW),digitalWrite(A4,HIGH); //LED79

digitalWrite(7,HIGH),digitalWrite(A5,LOW),delay(delayTime1),digitalWrite(7,LOW),digitalWrite(A5,HIGH); //LED80

digitalWrite(8,HIGH),digitalWrite(10,LOW),delay(delayTime1),digitalWrite(8,LOW),digitalWrite(10,HIGH); //LED81

digitalWrite(8,HIGH),digitalWrite(11,LOW),delay(delayTime1),digitalWrite(8,LOW),digitalWrite(11,HIGH); //LED82

digitalWrite(8,HIGH),digitalWrite(12,LOW),delay(delayTime1),digitalWrite(8,LOW),digitalWrite(12,HIGH); //LED83

digitalWrite(8,HIGH),digitalWrite(13,LOW),delay(delayTime1),digitalWrite(8,LOW),digitalWrite(13,HIGH); //LED84

digitalWrite(8,HIGH),digitalWrite(A0,LOW),delay(delayTime1),digitalWrite(8,LOW),digitalWrite(A0,HIGH); //LED85

digitalWrite(8,HIGH),digitalWrite(A1,LOW),delay(delayTime1),digitalWrite(8,LOW),digitalWrite(A1,HIGH); //LED86

digitalWrite(8,HIGH),digitalWrite(A2,LOW),delay(delayTime1),digitalWrite(8,LOW),digitalWrite(A2,HIGH); //LED87

digitalWrite(8,HIGH),digitalWrite(A3,LOW),delay(delayTime1),digitalWrite(8,LOW),digitalWrite(A3,HIGH); //LED88

digitalWrite(8,HIGH),digitalWrite(A4,LOW),delay(delayTime1),digitalWrite(8,LOW),digitalWrite(A4,HIGH); //LED89

digitalWrite(8,HIGH),digitalWrite(A5,LOW),delay(delayTime1),digitalWrite(8,LOW),digitalWrite(A5,HIGH); //LED90

digitalWrite(9,HIGH),digitalWrite(10,LOW),delay(delayTime1),digitalWrite(9,LOW),digitalWrite(10,HIGH); //LED91

digitalWrite(9,HIGH),digitalWrite(11,LOW),delay(delayTime1),digitalWrite(9,LOW),digitalWrite(11,HIGH); //LED92

digitalWrite(9,HIGH),digitalWrite(12,LOW),delay(delayTime1),digitalWrite(9,LOW),digitalWrite(12,HIGH); //LED93

digitalWrite(9,HIGH),digitalWrite(13,LOW),delay(delayTime1),digitalWrite(9,LOW),digitalWrite(13,HIGH); //LED94

digitalWrite(9,HIGH),digitalWrite(A0,LOW),delay(delayTime1),digitalWrite(9,LOW),digitalWrite(A0,HIGH); //LED95

digitalWrite(9,HIGH),digitalWrite(A1,LOW),delay(delayTime1),digitalWrite(9,LOW),digitalWrite(A1,HIGH); //LED96

digitalWrite(9,HIGH),digitalWrite(A2,LOW),delay(delayTime1),digitalWrite(9,LOW),digitalWrite(A2,HIGH); //LED97

digitalWrite(9,HIGH),digitalWrite(A3,LOW),delay(delayTime1),digitalWrite(9,LOW),digitalWrite(A3,HIGH); //LED98

digitalWrite(9,HIGH),digitalWrite(A4,LOW),delay(delayTime1),digitalWrite(9,LOW),digitalWrite(A4,HIGH); //LED99

digitalWrite(9,HIGH),digitalWrite(A5,LOW),delay(delayTime1),digitalWrite(9,LOW),digitalWrite(A5,HIGH); //LED100

//LED's run Up.

digitalWrite(9,HIGH),digitalWrite(A1,LOW),delay(delayTime1),digitalWrite(9,LOW),digitalWrite(A1,HIGH); //LED96

digitalWrite(9,HIGH),digitalWrite(A0,LOW),delay(delayTime1),digitalWrite(9,LOW),digitalWrite(A0,HIGH); //LED95

digitalWrite(9,HIGH),digitalWrite(13,LOW),delay(delayTime1),digitalWrite(9,LOW),digitalWrite(13,HIGH); //LED94

digitalWrite(9,HIGH),digitalWrite(12,LOW),delay(delayTime1),digitalWrite(9,LOW),digitalWrite(12,HIGH); //LED93

digitalWrite(9,HIGH),digitalWrite(11,LOW),delay(delayTime1),digitalWrite(9,LOW),digitalWrite(11,HIGH); //LED92

digitalWrite(9,HIGH),digitalWrite(10,LOW),delay(delayTime1),digitalWrite(9,LOW),digitalWrite(10,HIGH); //LED91

digitalWrite(8,HIGH),digitalWrite(A5,LOW),delay(delayTime1),digitalWrite(8,LOW),digitalWrite(A5,HIGH); //LED90

digitalWrite(8,HIGH),digitalWrite(A4,LOW),delay(delayTime1),digitalWrite(8,LOW),digitalWrite(A4,HIGH); //LED89

digitalWrite(8,HIGH),digitalWrite(A3,LOW),delay(delayTime1),digitalWrite(8,LOW),digitalWrite(A3,HIGH); //LED88

digitalWrite(8,HIGH),digitalWrite(A2,LOW),delay(delayTime1),digitalWrite(8,LOW),digitalWrite(A2,HIGH); //LED87

digitalWrite(8,HIGH),digitalWrite(A1,LOW),delay(delayTime1),digitalWrite(8,LOW),digitalWrite(A1,HIGH); //LED86

digitalWrite(8,HIGH),digitalWrite(A0,LOW),delay(delayTime1),digitalWrite(8,LOW),digitalWrite(A0,HIGH); //LED85

digitalWrite(8,HIGH),digitalWrite(13,LOW),delay(delayTime1),digitalWrite(8,LOW),digitalWrite(13,HIGH); //LED84

digitalWrite(8,HIGH),digitalWrite(12,LOW),delay(delayTime1),digitalWrite(8,LOW),digitalWrite(12,HIGH); //LED83

digitalWrite(8,HIGH),digitalWrite(11,LOW),delay(delayTime1),digitalWrite(8,LOW),digitalWrite(11,HIGH); //LED82

digitalWrite(8,HIGH),digitalWrite(10,LOW),delay(delayTime1),digitalWrite(8,LOW),digitalWrite(10,HIGH); //LED81

digitalWrite(7,HIGH),digitalWrite(A5,LOW),delay(delayTime1),digitalWrite(7,LOW),digitalWrite(A5,HIGH); //LED80

digitalWrite(7,HIGH),digitalWrite(A4,LOW),delay(delayTime1),digitalWrite(7,LOW),digitalWrite(A4,HIGH); //LED79

digitalWrite(7,HIGH),digitalWrite(A3,LOW),delay(delayTime1),digitalWrite(7,LOW),digitalWrite(A3,HIGH); //LED78

digitalWrite(7,HIGH),digitalWrite(A2,LOW),delay(delayTime1),digitalWrite(7,LOW),digitalWrite(A2,HIGH); //LED77

digitalWrite(7,HIGH),digitalWrite(A1,LOW),delay(delayTime1),digitalWrite(7,LOW),digitalWrite(A1,HIGH); //LED76

digitalWrite(7,HIGH),digitalWrite(A0,LOW),delay(delayTime1),digitalWrite(7,LOW),digitalWrite(A0,HIGH); //LED75

digitalWrite(7,HIGH),digitalWrite(13,LOW),delay(delayTime1),digitalWrite(7,LOW),digitalWrite(13,HIGH); //LED74

digitalWrite(7,HIGH),digitalWrite(12,LOW),delay(delayTime1),digitalWrite(7,LOW),digitalWrite(12,HIGH); //LED73

digitalWrite(7,HIGH),digitalWrite(11,LOW),delay(delayTime1),digitalWrite(7,LOW),digitalWrite(11,HIGH); //LED72

digitalWrite(7,HIGH),digitalWrite(10,LOW),delay(delayTime1),digitalWrite(7,LOW),digitalWrite(10,HIGH); //LED71

digitalWrite(6,HIGH),digitalWrite(A5,LOW),delay(delayTime1),digitalWrite(6,LOW),digitalWrite(A5,HIGH); //LED70

digitalWrite(6,HIGH),digitalWrite(A4,LOW),delay(delayTime1),digitalWrite(6,LOW),digitalWrite(A4,HIGH); //LED69

digitalWrite(6,HIGH),digitalWrite(A3,LOW),delay(delayTime1),digitalWrite(6,LOW),digitalWrite(A3,HIGH); //LED68

digitalWrite(6,HIGH),digitalWrite(A2,LOW),delay(delayTime1),digitalWrite(6,LOW),digitalWrite(A2,HIGH); //LED67

digitalWrite(6,HIGH),digitalWrite(A1,LOW),delay(delayTime1),digitalWrite(6,LOW),digitalWrite(A1,HIGH); //LED66

digitalWrite(6,HIGH),digitalWrite(A0,LOW),delay(delayTime1),digitalWrite(6,LOW),digitalWrite(A0,HIGH); //LED65

digitalWrite(6,HIGH),digitalWrite(13,LOW),delay(delayTime1),digitalWrite(6,LOW),digitalWrite(13,HIGH); //LED64

digitalWrite(6,HIGH),digitalWrite(12,LOW),delay(delayTime1),digitalWrite(6,LOW),digitalWrite(12,HIGH); //LED63

digitalWrite(6,HIGH),digitalWrite(11,LOW),delay(delayTime1),digitalWrite(6,LOW),digitalWrite(11,HIGH); //LED62

digitalWrite(6,HIGH),digitalWrite(10,LOW),delay(delayTime1),digitalWrite(6,LOW),digitalWrite(10,HIGH); //LED61

digitalWrite(5,HIGH),digitalWrite(A5,LOW),delay(delayTime1),digitalWrite(5,LOW),digitalWrite(A5,HIGH); //LED60

digitalWrite(5,HIGH),digitalWrite(A4,LOW),delay(delayTime1),digitalWrite(5,LOW),digitalWrite(A4,HIGH); //LED59

digitalWrite(5,HIGH),digitalWrite(A3,LOW),delay(delayTime1),digitalWrite(5,LOW),digitalWrite(A3,HIGH); //LED58

digitalWrite(5,HIGH),digitalWrite(A2,LOW),delay(delayTime1),digitalWrite(5,LOW),digitalWrite(A2,HIGH); //LED57

digitalWrite(5,HIGH),digitalWrite(A1,LOW),delay(delayTime1),digitalWrite(5,LOW),digitalWrite(A1,HIGH); //LED56

digitalWrite(5,HIGH),digitalWrite(A0,LOW),delay(delayTime1),digitalWrite(5,LOW),digitalWrite(A0,HIGH); //LED55

digitalWrite(5,HIGH),digitalWrite(13,LOW),delay(delayTime1),digitalWrite(5,LOW),digitalWrite(13,HIGH); //LED54

digitalWrite(5,HIGH),digitalWrite(12,LOW),delay(delayTime1),digitalWrite(5,LOW),digitalWrite(12,HIGH); //LED53

digitalWrite(5,HIGH),digitalWrite(11,LOW),delay(delayTime1),digitalWrite(5,LOW),digitalWrite(11,HIGH); //LED52

digitalWrite(5,HIGH),digitalWrite(10,LOW),delay(delayTime1),digitalWrite(5,LOW),digitalWrite(10,HIGH); //LED51

digitalWrite(4,HIGH),digitalWrite(A5,LOW),delay(delayTime1),digitalWrite(4,LOW),digitalWrite(A5,HIGH); //LED50

digitalWrite(4,HIGH),digitalWrite(A4,LOW),delay(delayTime1),digitalWrite(4,LOW),digitalWrite(A4,HIGH); //LED49

digitalWrite(4,HIGH),digitalWrite(A3,LOW),delay(delayTime1),digitalWrite(4,LOW),digitalWrite(A3,HIGH); //LED48

digitalWrite(4,HIGH),digitalWrite(A2,LOW),delay(delayTime1),digitalWrite(4,LOW),digitalWrite(A2,HIGH); //LED47

digitalWrite(4,HIGH),digitalWrite(A1,LOW),delay(delayTime1),digitalWrite(4,LOW),digitalWrite(A1,HIGH); //LED46

digitalWrite(4,HIGH),digitalWrite(A0,LOW),delay(delayTime1),digitalWrite(4,LOW),digitalWrite(A0,HIGH); //LED45

digitalWrite(4,HIGH),digitalWrite(13,LOW),delay(delayTime1),digitalWrite(4,LOW),digitalWrite(13,HIGH); //LED44

digitalWrite(4,HIGH),digitalWrite(12,LOW),delay(delayTime1),digitalWrite(4,LOW),digitalWrite(12,HIGH); //LED43

digitalWrite(4,HIGH),digitalWrite(11,LOW),delay(delayTime1),digitalWrite(4,LOW),digitalWrite(11,HIGH); //LED42

digitalWrite(4,HIGH),digitalWrite(10,LOW),delay(delayTime1),digitalWrite(4,LOW),digitalWrite(10,HIGH); //LED41

digitalWrite(3,HIGH),digitalWrite(A5,LOW),delay(delayTime1),digitalWrite(3,LOW),digitalWrite(A5,HIGH); //LED40

digitalWrite(3,HIGH),digitalWrite(A4,LOW),delay(delayTime1),digitalWrite(3,LOW),digitalWrite(A4,HIGH); //LED39

digitalWrite(3,HIGH),digitalWrite(A3,LOW),delay(delayTime1),digitalWrite(3,LOW),digitalWrite(A3,HIGH); //LED38

digitalWrite(3,HIGH),digitalWrite(A2,LOW),delay(delayTime1),digitalWrite(3,LOW),digitalWrite(A2,HIGH); //LED37

digitalWrite(3,HIGH),digitalWrite(A1,LOW),delay(delayTime1),digitalWrite(3,LOW),digitalWrite(A1,HIGH); //LED36

digitalWrite(3,HIGH),digitalWrite(A0,LOW),delay(delayTime1),digitalWrite(3,LOW),digitalWrite(A0,HIGH); //LED35

digitalWrite(3,HIGH),digitalWrite(13,LOW),delay(delayTime1),digitalWrite(3,LOW),digitalWrite(13,HIGH); //LED34

digitalWrite(3,HIGH),digitalWrite(12,LOW),delay(delayTime1),digitalWrite(3,LOW),digitalWrite(12,HIGH); //LED33

digitalWrite(3,HIGH),digitalWrite(11,LOW),delay(delayTime1),digitalWrite(3,LOW),digitalWrite(11,HIGH); //LED32

digitalWrite(3,HIGH),digitalWrite(10,LOW),delay(delayTime1),digitalWrite(3,LOW),digitalWrite(10,HIGH); //LED31

digitalWrite(2,HIGH),digitalWrite(A5,LOW),delay(delayTime1),digitalWrite(2,LOW),digitalWrite(A5,HIGH); //LED30

digitalWrite(2,HIGH),digitalWrite(A4,LOW),delay(delayTime1),digitalWrite(2,LOW),digitalWrite(A4,HIGH); //LED29

digitalWrite(2,HIGH),digitalWrite(A3,LOW),delay(delayTime1),digitalWrite(2,LOW),digitalWrite(A3,HIGH); //LED28

digitalWrite(2,HIGH),digitalWrite(A2,LOW),delay(delayTime1),digitalWrite(2,LOW),digitalWrite(A2,HIGH); //LED27

digitalWrite(2,HIGH),digitalWrite(A1,LOW),delay(delayTime1),digitalWrite(2,LOW),digitalWrite(A1,HIGH); //LED26

digitalWrite(2,HIGH),digitalWrite(A0,LOW),delay(delayTime1),digitalWrite(2,LOW),digitalWrite(A0,HIGH); //LED25

digitalWrite(2,HIGH),digitalWrite(13,LOW),delay(delayTime1),digitalWrite(2,LOW),digitalWrite(13,HIGH); //LED24

digitalWrite(2,HIGH),digitalWrite(12,LOW),delay(delayTime1),digitalWrite(2,LOW),digitalWrite(12,HIGH); //LED23

digitalWrite(2,HIGH),digitalWrite(11,LOW),delay(delayTime1),digitalWrite(2,LOW),digitalWrite(11,HIGH); //LED22

digitalWrite(2,HIGH),digitalWrite(10,LOW),delay(delayTime1),digitalWrite(2,LOW),digitalWrite(10,HIGH); //LED21

digitalWrite(1,HIGH),digitalWrite(A5,LOW),delay(delayTime1),digitalWrite(1,LOW),digitalWrite(A5,HIGH); //LED20

digitalWrite(1,HIGH),digitalWrite(A4,LOW),delay(delayTime1),digitalWrite(1,LOW),digitalWrite(A4,HIGH); //LED19

digitalWrite(1,HIGH),digitalWrite(A3,LOW),delay(delayTime1),digitalWrite(1,LOW),digitalWrite(A3,HIGH); //LED18

digitalWrite(1,HIGH),digitalWrite(A2,LOW),delay(delayTime1),digitalWrite(1,LOW),digitalWrite(A2,HIGH); //LED17

digitalWrite(1,HIGH),digitalWrite(A1,LOW),delay(delayTime1),digitalWrite(1,LOW),digitalWrite(A1,HIGH); //LED16

digitalWrite(1,HIGH),digitalWrite(A0,LOW),delay(delayTime1),digitalWrite(1,LOW),digitalWrite(A0,HIGH); //LED15

digitalWrite(1,HIGH),digitalWrite(13,LOW),delay(delayTime1),digitalWrite(1,LOW),digitalWrite(13,HIGH); //LED14

digitalWrite(1,HIGH),digitalWrite(12,LOW),delay(delayTime1),digitalWrite(1,LOW),digitalWrite(12,HIGH); //LED13

digitalWrite(1,HIGH),digitalWrite(11,LOW),delay(delayTime1),digitalWrite(1,LOW),digitalWrite(11,HIGH); //LED12

digitalWrite(1,HIGH),digitalWrite(10,LOW),delay(delayTime1),digitalWrite(1,LOW),digitalWrite(10,HIGH); //LED11

digitalWrite(0,HIGH),digitalWrite(A5,LOW),delay(delayTime1),digitalWrite(0,LOW),digitalWrite(A5,HIGH); //LE10

digitalWrite(0,HIGH),digitalWrite(A4,LOW),delay(delayTime1),digitalWrite(0,LOW),digitalWrite(A4,HIGH); //LED9

digitalWrite(0,HIGH),digitalWrite(A3,LOW),delay(delayTime1),digitalWrite(0,LOW),digitalWrite(A3,HIGH); //LED8

digitalWrite(0,HIGH),digitalWrite(A2,LOW),delay(delayTime1),digitalWrite(0,LOW),digitalWrite(A2,HIGH); //LED7

digitalWrite(0,HIGH),digitalWrite(A1,LOW),delay(delayTime1),digitalWrite(0,LOW),digitalWrite(A1,HIGH); //LED6

digitalWrite(0,HIGH),digitalWrite(A0,LOW),delay(delayTime1),digitalWrite(0,LOW),digitalWrite(A0,HIGH); //LED5

digitalWrite(0,HIGH),digitalWrite(13,LOW),delay(delayTime1),digitalWrite(0,LOW),digitalWrite(13,HIGH); //LED4

digitalWrite(0,HIGH),digitalWrite(12,LOW),delay(delayTime1),digitalWrite(0,LOW),digitalWrite(12,HIGH); //LED3

digitalWrite(0,HIGH),digitalWrite(11,LOW),delay(delayTime1),digitalWrite(0,LOW),digitalWrite(11,HIGH); //LED2

digitalWrite(0,HIGH),digitalWrite(10,LOW),delay(delayTime1),digitalWrite(0,LOW),digitalWrite(10,HIGH); //LED1

}