`Pat's Infrared Demo-Servo Numbers + 12 Tunes- 25/6/2018.

`Built 24/4/2008, changed from 8M2 to 14M2 25/6/2018.

`P046-Pats Infrared Demo-Servo

main:

 infrain2 'wait for new signal from hand controller

 if infra=**0** then Number1 'Button 1,servo moves to number 1

 if infra=**1** then Number2 'Button 2,servo moves to number 2

 if infra=**2** then Number3 'Button 3,servo moves to number 3

 if infra=**3** then Number4 'Button 4,servo moves to number 4

 if infra=**4** then Number5 'Button 5,servo moves to number 5

 if infra=**5** then Number6 'Button 6,servo moves to number 6

 if infra=**6** then Number7 'Button 7,servo moves to number 7

 if infra=**7** then Number8 'Button 8,servo moves to number 8

 if infra=**8** then Number9 'Button 9,servo moves to number 9

 if infra=**9** then Number0 'Button 0,servo moves to number 0

 if infra=**76** then AdamsFamily1

 if infra=**77** then AustralianNationalAnthem2

 if infra=**78** then Funkytown3

 if infra=**79** then HappyDaysTheme4

 if infra=**54** then InspectorGadgetTheme5

 if infra=**60** then JamesBondTheme6

 if infra=**24** then JurassicParkTheme7

 if infra=**61** then KissIWasMadeForLovingYou8

 if infra=**27** then MichaelJacksonBeatIt9

 if infra=**26** then SesameStreet10

 if infra=**25** then StarWarsImperialMarch11

 if infra=**28** then IndianaJones12

 if infra=**21** then Manual: 'Runs programs Auotomatically

 goto main

AdamsFamily1:tune **2**, **6**,(**$69**,**$6B**,**$61**,**$62**,**$EC**,**$6C**,**$6B**,**$61**,**$63**,**$64**,**$EC**,**$6C**,**$6B**,**$61**,**$63**,**$64**,**$6C**,**$6B**,**$61**,**$63**,**$64**,**$6C**,**$69**,**$6B**,**$61**,**$62**,**$EC**,**$6C**,**$69**,**$6B**,**$61**,**$62**,**$EC**,**$6C**,**$6B**,**$61**,**$63**,**$64**,**$EC**,**$6C**,**$6B**,**$61**,**$63**,**$64**,**$6C**,**$6B**,**$61**,**$63**,**$64**,**$6C**,**$69**,**$6B**,**$61**,**$62**,**$2C**,**$6C**,**$69**,**$69**,**$6C**,**$69**,**$6C**,**$69**,**$6C**,**$42**,**$46**,**$42**,**$6B**,**$67**,**$44**,**$6C**,**$40**,**$41**,**$44**,**$41**,**$69**,**$66**,**$42**,**$6C**,**$69**,**$42**,**$46**,**$42**,**$6B**,**$67**,**$44**,**$6C**,**$42**,**$41**,**$69**,**$6B**,**$41**,**$02**,**$6C**,**$69**,**$42**,**$46**,**$42**,**$6B**,**$67**)

 goto main

AustralianNationalAnthem2: tune **2**, **8**,(**$27**,**$00**,**$27**,**$24**,**$27**,**$00**,**$40**,**$00**,**$04**,**$02**,**$00**,**$2B**,**$00**,**$C2**,**$27**,**$00**,**$27**,**$24**,**$20**,**$27**,**$67**,**$27**,**$04**,**$02**,**$00**,**$2B**,**$29**,**$E7**,**$2C**,**$27**,**$29**,**$6B**,**$00**,**$29**,**$E7**,**$64**,**$24**,**$27**,**$29**,**$00**,**$05**,**$04**,**$C2**)

 goto main

Funkytown3:tune **2**, **6**,(**$41**,**$41**,**$6B**,**$01**,**$28**,**$68**,**$41**,**$46**,**$45**,**$81**,**$41**,**$41**,**$6B**,**$01**,**$28**,**$68**,**$41**,**$46**,**$45**,**$41**)

 goto main

HappyDaysTheme4: tune **2**, **5**,(**$20**,**$25**,**$29**,**$00**,**$42**,**$04**,**$02**,**$2C**,**$22**,**$27**,**$2A**,**$02**,**$44**,**$05**,**$04**,**$2C**,**$24**,**$29**,**$01**,**$04**,**$45**,**$07**,**$05**,**$2C**,**$42**,**$02**,**$04**,**$2C**,**$02**,**$04**,**$2C**,**$44**,**$44**,**$04**,**$05**,**$46**,**$C7**,**$EC**,**$05**,**$05**,**$47**,**$09**,**$07**,**$05**,**$47**,**$05**,**$02**,**$02**,**$42**,**$C4**)

 goto main

InspectorGadgetTheme5: tune **2**, **6**,(**$62**,**$64**,**$65**,**$67**,**$69**,**$65**,**$68**,**$64**,**$67**,**$65**,**$62**,**$64**,**$65**,**$67**,**$69**,**$42**,**$11**,**$2C**,**$62**,**$64**,**$65**,**$67**,**$69**,**$65**,**$68**,**$64**)

 goto main

JamesBondTheme6: tune **2**, **6**,(**$64**,**$66**,**$66**,**$66**,**$26**,**$64**,**$64**,**$64**,**$64**,**$67**,**$67**,**$67**,**$27**,**$66**,**$66**,**$66**,**$64**,**$66**,**$66**,**$66**,**$26**,**$64**,**$64**,**$64**,**$64**,**$67**,**$67**,**$67**,**$27**,**$66**,**$65**,**$64**,**$43**,**$C2**,**$6B**,**$69**,**$AB**)

 goto main

JurassicParkTheme7: tune **2**, **6**,(**$6A**,**$05**,**$40**,**$07**,**$47**,**$49**,**$4A**,**$4A**,**$49**,**$45**,**$C7**,**$6C**,**$4A**,**$49**,**$45**,**$46**,**$42**,**$40**,**$42**,**$43**,**$42**,**$69**,**$47**,**$47**,**$42**,**$49**,**$C9**,**$6A**,**$40**,**$6A**,**$69**,**$6A**,**$69**,**$27**,**$67**,**$40**,**$60**,**$6A**,**$2A**,**$29**,**$69**,**$42**,**$69**,**$47**,**$47**,**$46**,**$04**,**$09**,**$47**,**$06**)

 goto main

KissIWasMadeForLovingYou8: tune **2**, **6**,(**$24**,**$26**,**$27**,**$69**,**$2B**,**$6B**,**$29**,**$27**,**$26**,**$24**,**$26**,**$27**,**$69**,**$2B**,**$6B**,**$E9**,**$6C**,**$62**,**$24**,**$26**,**$27**,**$69**,**$2B**,**$6B**,**$29**,**$27**,**$26**,**$24**,**$26**,**$27**,**$69**,**$2B**,**$6B**,**$E9**)

 goto main

MichaelJacksonBeatIt9: tune **2**, **6**,(**$66**,**$23**,**$66**,**$6A**,**$46**,**$03**,**$03**,**$43**,**$01**,**$01**,**$6C**,**$23**,**$66**,**$6A**,**$46**,**$03**,**$03**,**$43**,**$01**,**$2C**,**$6C**,**$23**,**$66**,**$6A**,**$46**,**$03**,**$03**,**$43**,**$01**,**$01**,**$6C**,**$23**,**$66**,**$6A**,**$46**,**$03**,**$03**,**$43**,**$01**)

 goto main

SesameStreet10:tune **2**, **5**,(**$C0**,**$29**,**$E5**,**$65**,**$67**,**$29**,**$2C**,**$C0**,**$29**,**$A5**,**$2C**,**$C0**,**$29**,**$E5**,**$65**,**$27**,**$29**,**$EB**,**$00**,**$C2**,**$2C**,**$40**,**$42**,**$03**,**$02**,**$00**,**$29**,**$27**,**$67**,**$69**,**$2A**,**$29**,**$67**,**$60**,**$60**,**$A0**)

 goto main

StarWarsImperialMarch11: tune **2**, **8**,(**$27**,**$27**,**$27**,**$63**,**$6A**,**$27**,**$63**,**$6A**,**$27**,**$6C**,**$02**,**$02**,**$02**,**$43**,**$6A**,**$26**,**$63**,**$6A**,**$27**,**$6C**,**$07**,**$67**,**$67**,**$07**,**$46**,**$45**,**$44**,**$42**,**$43**,**$6C**,**$68**,**$01**,**$40**,**$6B**,**$6A**,**$69**,**$6A**,**$6C**,**$63**,**$26**,**$64**,**$6A**,**$27**,**$63**,**$6B**,**$27**)

 goto main

IndianaJones12:tune **2**, **3**,(**$24**,**$6C**,**$65**,**$67**,**$6C**,**$C0**,**$6C**,**$22**,**$6C**,**$64**,**$A5**,**$2C**,**$27**,**$6C**,**$69**,**$6B**,**$6C**,**$C5**,**$2C**,**$29**,**$6C**,**$6B**,**$C0**,**$C2**,**$C4**,**$24**,**$6C**,**$65**,**$67**,**$6C**,**$80**,**$2C**,**$02**,**$6C**,**$44**,**$85**,**$27**,**$6C**,**$67**,**$04**,**$6C**,**$02**,**$6C**,**$67**,**$04**,**$6C**,**$02**,**$6C**,**$67**,**$05**,**$6C**,**$04**,**$6C**,**$42**,**$80**)

 goto main

Manual:

`AdamsFamily:

tune **2**, **6**,(**$69**,**$6B**,**$61**,**$62**,**$EC**,**$6C**,**$6B**,**$61**,**$63**,**$64**,**$EC**,**$6C**,**$6B**,**$61**,**$63**,**$64**,**$6C**,**$6B**,**$61**,**$63**,**$64**,**$6C**,**$69**,**$6B**,**$61**,**$62**,**$EC**,**$6C**,**$69**,**$6B**,**$61**,**$62**,**$EC**,**$6C**,**$6B**,**$61**,**$63**,**$64**,**$EC**,**$6C**,**$6B**,**$61**,**$63**,**$64**,**$6C**,**$6B**,**$61**,**$63**,**$64**,**$6C**,**$69**,**$6B**,**$61**,**$62**,**$2C**,**$6C**,**$69**,**$69**,**$6C**,**$69**,**$6C**,**$69**,**$6C**,**$42**,**$46**,**$42**,**$6B**,**$67**,**$44**,**$6C**,**$40**,**$41**,**$44**,**$41**,**$69**,**$66**,**$42**,**$6C**,**$69**,**$42**,**$46**,**$42**,**$6B**,**$67**,**$44**,**$6C**,**$42**,**$41**,**$69**,**$6B**,**$41**,**$02**,**$6C**,**$69**,**$42**,**$46**,**$42**,**$6B**,**$67**)

 wait **2**

`AustralianNationalAnthem:

tune **2**, **8**,(**$27**,**$00**,**$27**,**$24**,**$27**,**$00**,**$40**,**$00**,**$04**,**$02**,**$00**,**$2B**,**$00**,**$C2**,**$27**,**$00**,**$27**,**$24**,**$20**,**$27**,**$67**,**$27**,**$04**,**$02**,**$00**,**$2B**,**$29**,**$E7**,**$2C**,**$27**,**$29**,**$6B**,**$00**,**$29**,**$E7**,**$64**,**$24**,**$27**,**$29**,**$00**,**$05**,**$04**,**$C2**)

 wait **2**

`Funkytown3:

tune **2**, **6**,(**$41**,**$41**,**$6B**,**$01**,**$28**,**$68**,**$41**,**$46**,**$45**,**$81**,**$41**,**$41**,**$6B**,**$01**,**$28**,**$68**,**$41**,**$46**,**$45**,**$41**)

 wait **2**

`HappyDaysTheme4:

tune **2**, **5**,(**$20**,**$25**,**$29**,**$00**,**$42**,**$04**,**$02**,**$2C**,**$22**,**$27**,**$2A**,**$02**,**$44**,**$05**,**$04**,**$2C**,**$24**,**$29**,**$01**,**$04**,**$45**,**$07**,**$05**,**$2C**,**$42**,**$02**,**$04**,**$2C**,**$02**,**$04**,**$2C**,**$44**,**$44**,**$04**,**$05**,**$46**,**$C7**,**$EC**,**$05**,**$05**,**$47**,**$09**,**$07**,**$05**,**$47**,**$05**,**$02**,**$02**,**$42**,**$C4**)

 wait **2**

`InspectorGadgetTheme5:

tune **2**, **6**,(**$62**,**$64**,**$65**,**$67**,**$69**,**$65**,**$68**,**$64**,**$67**,**$65**,**$62**,**$64**,**$65**,**$67**,**$69**,**$42**,**$11**,**$2C**,**$62**,**$64**,**$65**,**$67**,**$69**,**$65**,**$68**,**$64**)

 wait **2**

`JamesBondTheme6:

tune **2**, **6**,(**$64**,**$66**,**$66**,**$66**,**$26**,**$64**,**$64**,**$64**,**$64**,**$67**,**$67**,**$67**,**$27**,**$66**,**$66**,**$66**,**$64**,**$66**,**$66**,**$66**,**$26**,**$64**,**$64**,**$64**,**$64**,**$67**,**$67**,**$67**,**$27**,**$66**,**$65**,**$64**,**$43**,**$C2**,**$6B**,**$69**,**$AB**)

 `wait 2

`JurassicParkTheme7:

tune **2**, **6**,(**$6A**,**$05**,**$40**,**$07**,**$47**,**$49**,**$4A**,**$4A**,**$49**,**$45**,**$C7**,**$6C**,**$4A**,**$49**,**$45**,**$46**,**$42**,**$40**,**$42**,**$43**,**$42**,**$69**,**$47**,**$47**,**$42**,**$49**,**$C9**,**$6A**,**$40**,**$6A**,**$69**,**$6A**,**$69**,**$27**,**$67**,**$40**,**$60**,**$6A**,**$2A**,**$29**,**$69**,**$42**,**$69**,**$47**,**$47**,**$46**,**$04**,**$09**,**$47**,**$06**)

 `wait 2

`KissIWasMadeForLovingYou8:

tune **2**, **6**,(**$24**,**$26**,**$27**,**$69**,**$2B**,**$6B**,**$29**,**$27**,**$26**,**$24**,**$26**,**$27**,**$69**,**$2B**,**$6B**,**$E9**,**$6C**,**$62**,**$24**,**$26**,**$27**,**$69**,**$2B**,**$6B**,**$29**,**$27**,**$26**,**$24**,**$26**,**$27**,**$69**,**$2B**,**$6B**,**$E9**)

 `wait 2

`MichaelJacksonBeatIt9:

tune **2**, **6**,(**$66**,**$23**,**$66**,**$6A**,**$46**,**$03**,**$03**,**$43**,**$01**,**$01**,**$6C**,**$23**,**$66**,**$6A**,**$46**,**$03**,**$03**,**$43**,**$01**,**$2C**,**$6C**,**$23**,**$66**,**$6A**,**$46**,**$03**,**$03**,**$43**,**$01**,**$01**,**$6C**,**$23**,**$66**,**$6A**,**$46**,**$03**,**$03**,**$43**,**$01**)

 `wait 2

`SesameStreet10:

tune **2**, **5**,(**$C0**,**$29**,**$E5**,**$65**,**$67**,**$29**,**$2C**,**$C0**,**$29**,**$A5**,**$2C**,**$C0**,**$29**,**$E5**,**$65**,**$27**,**$29**,**$EB**,**$00**,**$C2**,**$2C**,**$40**,**$42**,**$03**,**$02**,**$00**,**$29**,**$27**,**$67**,**$69**,**$2A**,**$29**,**$67**,**$60**,**$60**,**$A0**)

 `wait 2

`StarWarsImperialMarch11:

tune **2**, **8**,(**$27**,**$27**,**$27**,**$63**,**$6A**,**$27**,**$63**,**$6A**,**$27**,**$6C**,**$02**,**$02**,**$02**,**$43**,**$6A**,**$26**,**$63**,**$6A**,**$27**,**$6C**,**$07**,**$67**,**$67**,**$07**,**$46**,**$45**,**$44**,**$42**,**$43**,**$6C**,**$68**,**$01**,**$40**,**$6B**,**$6A**,**$69**,**$6A**,**$6C**,**$63**,**$26**,**$64**,**$6A**,**$27**,**$63**,**$6B**,**$27**)

 `wait 2

`IndianaJones12:

tune **2**, **3**,(**$24**,**$6C**,**$65**,**$67**,**$6C**,**$C0**,**$6C**,**$22**,**$6C**,**$64**,**$A5**,**$2C**,**$27**,**$6C**,**$69**,**$6B**,**$6C**,**$C5**,**$2C**,**$29**,**$6C**,**$6B**,**$C0**,**$C2**,**$C4**,**$24**,**$6C**,**$65**,**$67**,**$6C**,**$80**,**$2C**,**$02**,**$6C**,**$44**,**$85**,**$27**,**$6C**,**$67**,**$04**,**$6C**,**$02**,**$6C**,**$67**,**$04**,**$6C**,**$02**,**$6C**,**$67**,**$05**,**$6C**,**$04**,**$6C**,**$42**,**$80**)

 `wait 2

goto manual

 goto main

Number0:

servo **1**,**40** ` move servo to 40

pause **200**

goto main

Number1:

servo **1**,**60** ` move servo to 60

pause **200**

goto main

Number2:

servo **1**,**80** ` move servo to 80

pause **200**

goto main

Number3:

servo **1**,**100** ` move servo to 120

pause **200**

goto main

Number4:

servo **1**,**120** ` move servo to 120

pause **200**

goto main

Number5:

servo **1**,**140** ` move servo to 140

pause **200**

goto main

Number6:

servo **1**,**160** ` move servo to 160

pause **200**

goto main

Number7:

servo **1**,**180** ` move servo to 180

pause **200**

goto main

Number8:

servo **1**,**200** ` move servo to 200

pause **200**

goto main

Number9:

servo **1**,**220** ` move servo to 220

pause **200**

goto main ` loops back to start