' \*\*\*\*\*\* Dice using random command \*\*\*\*\*

 low **0** ' make LED pins outputs

 low **1**

 low **2**

 low **4**

main:

 let pins=**0** ' switch all LEDs off

 random w0 ' get a random number

 if input3 is on then makenumber ' test switch

 goto main

makenumber:

 if b1>**210** then showsix ' test random number and jump

 if b1>**168** then showfive

 if b1>**126** then showfour

 if b1>**84** then showthree

 if b1>**42** then showtwo

showone:

 let pins=**4** ' show LEDs for 1

 wait **2**

 goto main

showtwo:

 let pins=**16** ' show LEDs for 2

 wait **2**

 goto main

showthree:

 let pins=**20** ' show LEDs for 3

 wait **2**

 goto main

showfour:

 let pins=**18** ' show LEDs for 4

 wait **2**

 goto main

showfive:

 let pins=**22** ' show LEDs for 5

 wait **2**

 goto main

showsix:

 let pins=**19** ' show LEDs for 6

 wait **2**

 goto main