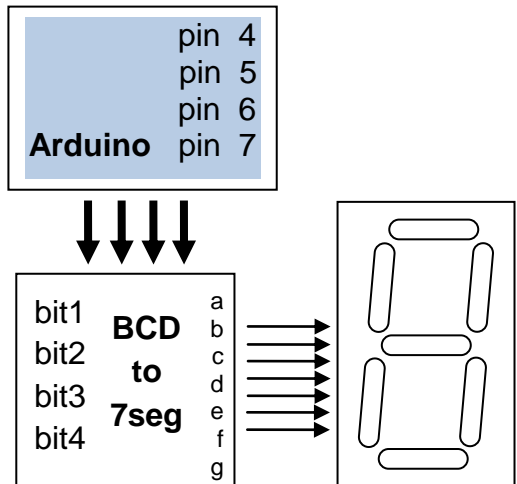


BCD stands for Binary Coded Decimal. It uses a nybble to indicate a decimal number.



	bit4	bit3	bit2	bit1
ZERO	0	0	0	0
ONE	0	0	0	1
TWO	0	0	1	0
THREE	0	0	1	1
FOUR	0	1	0	0
FIVE	0	1	0	1
SIX	0	1	1	0
SEVEN	0	1	1	1
EIGHT	1	0	0	0
NINE	1	0	0	1

```

setup
  set integer variable variable bit1 value 4
  set integer variable variable bit2 value 5
  set integer variable variable bit3 value 6
  set integer variable variable bit4 value 7
  set integer variable variable thisNum value 0

loop
  test thisNum == 0
  if then ZERO
  test thisNum == 1
  if then ONE
  test thisNum == 2
  if then TWO
  test thisNum == 3
  if then THREE
  test thisNum == 4
  if then FOUR
  test thisNum == 5
  if then FIVE
  test thisNum == 6
  if then SIX
  test thisNum == 7
  if then SEVEN
  test thisNum == 8
  if then EIGHT
  test thisNum == 9
  if then NINE
  set integer variable variable thisNum value thisNum + 1
  test thisNum == 10
  if then
    set integer variable variable thisNum value 0
  delay MILLIS milliseconds 500
  
```



```

Commands
ZERO
  set digital output # bit1 LOW
  set digital output # bit2 LOW
  set digital output # bit3 LOW
  set digital output # bit4 LOW

Commands
ONE
  set digital output # bit1 HIGH
  set digital output # bit2 LOW
  set digital output # bit3 LOW
  set digital output # bit4 LOW
  
```

etc. up to number NINE