



128	64	32	16	8	4	2	1

5. Looking at the Binary, why do the RGB colour numbers range from 0 to 255?

.....

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6. Colour in the HALO Led positions 0, 2, 4, 6, 8 and 10 with the colours indicated in the code.



```

on start
  set haloDisplay to to Halo HD with 60 ZIP LEDs
  haloDisplay set ZIP LED 0 to red 255 green 0 blue 0
  haloDisplay set ZIP LED 2 to red 0 green 255 blue 0
  haloDisplay set ZIP LED 4 to red 0 green 0 blue 255
  haloDisplay set ZIP LED 6 to red 255 green 0 blue 255
  haloDisplay set ZIP LED 8 to red 255 green 255 blue 0
  haloDisplay set ZIP LED 10 to red 0 green 255 blue 255
  haloDisplay show
  
```