

Lab 8

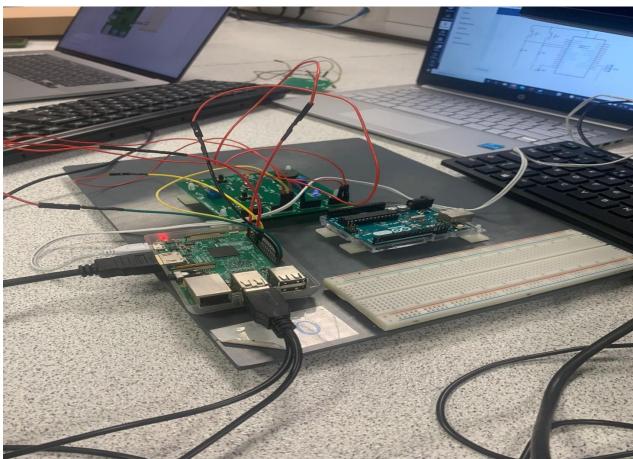
COMP6043: Physical Computing

Student ID: Laiba Asif, Alex Young, Mohammed Al-Hajri

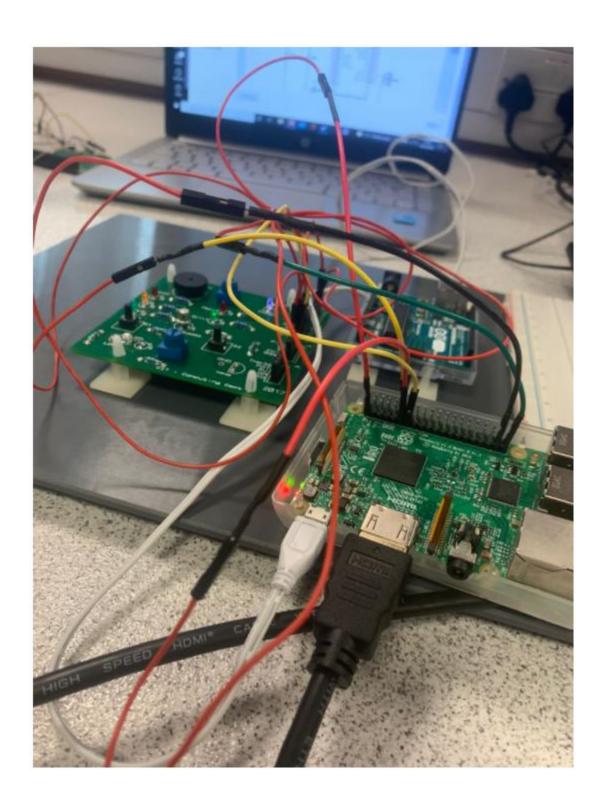
Date: 28.03.2022

Group: COMP1D-Y

Task2:

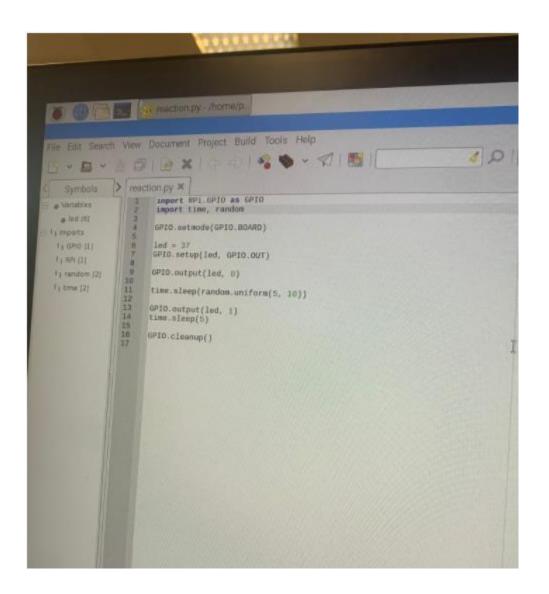


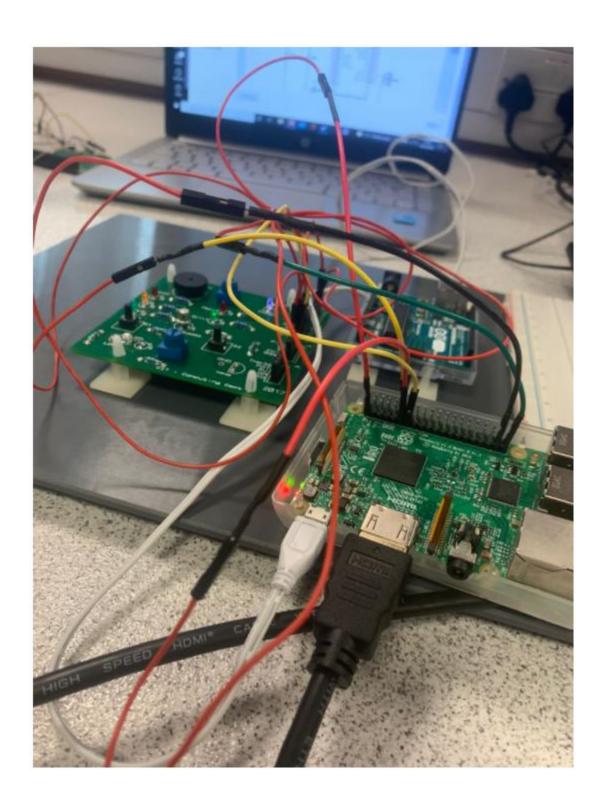
Task3.1:



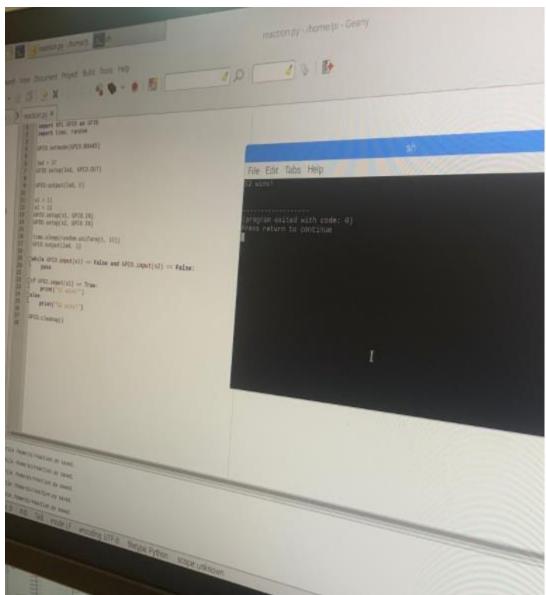
```
or reaction py - /home/p___sh
e Edit Search View Document Project Build Tools Help
- B - 8 5 B X ( 9 ) 4
  Symbols > reaction py x
                        import RPI.GPIO as GPIO import time
e Variables
                        GPIO.setmode(GPIO.BOARD)
  @ led |6]
1) imports
                        led = 37
GPIO.setup(led, GPIO.OUT)
 1 GPIO [1]
 E RPI [1]
                        GPIO.output(led, 1)
time.sleep(5)
GPIO.output(led, 0)
  £; time [2]
                   10
11
12
13
14
                         GPIO.cleanup()
```

Task3.2:

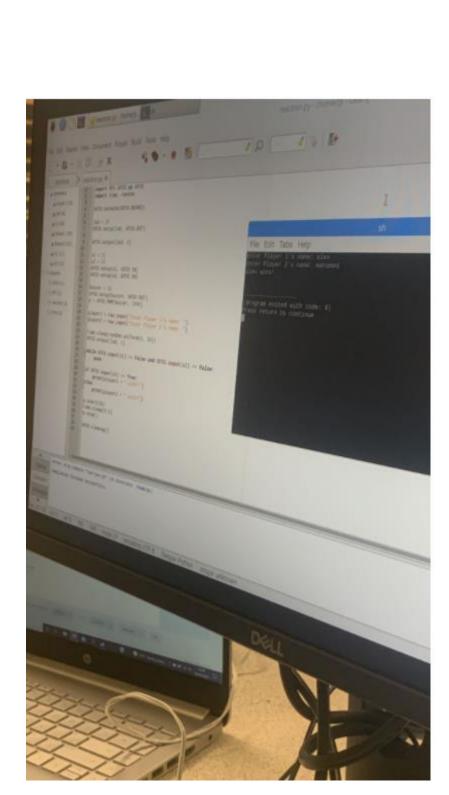




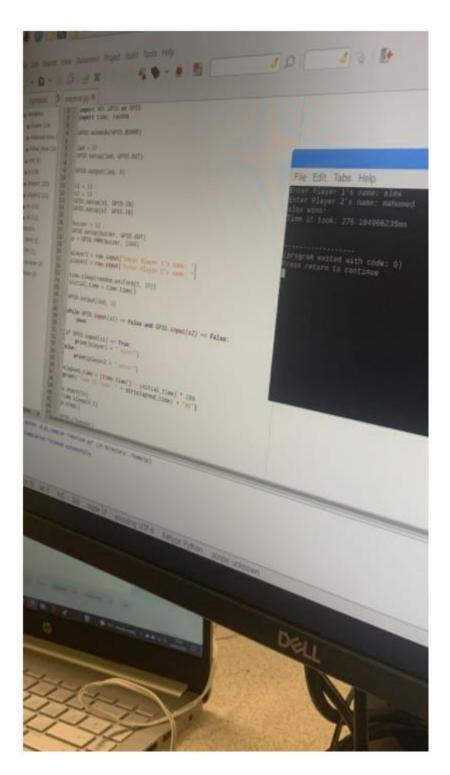
Task3.3:



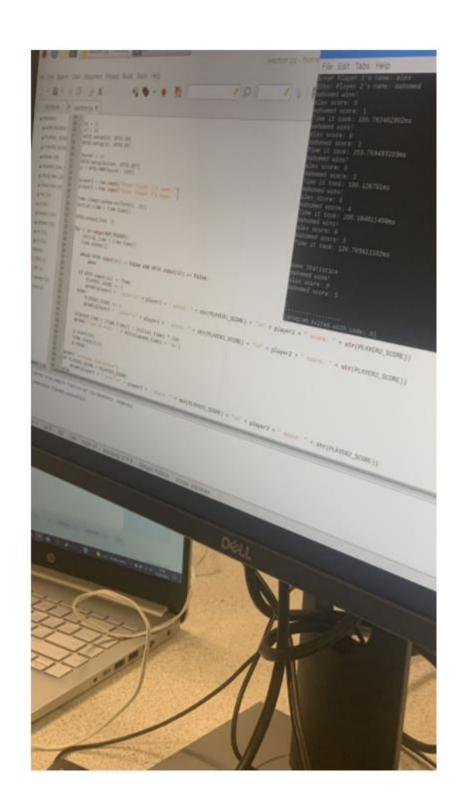
Task3.4:

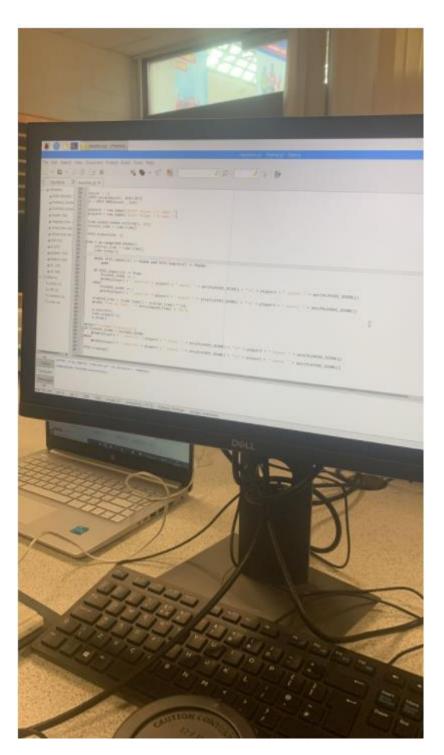


Task3.5:

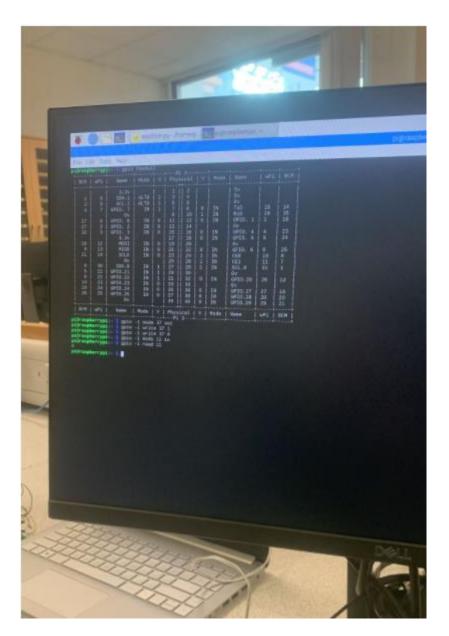


Task3.6:

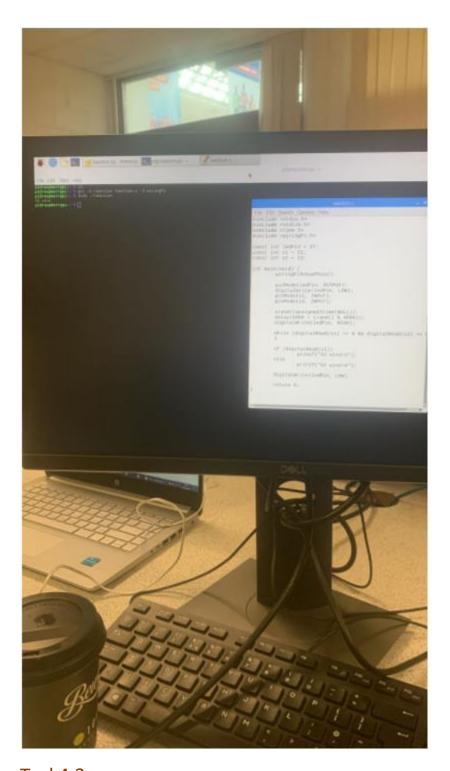




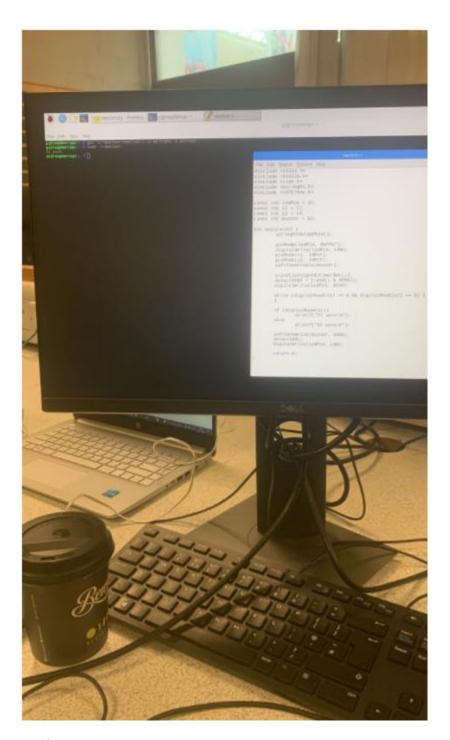
Task4.1:



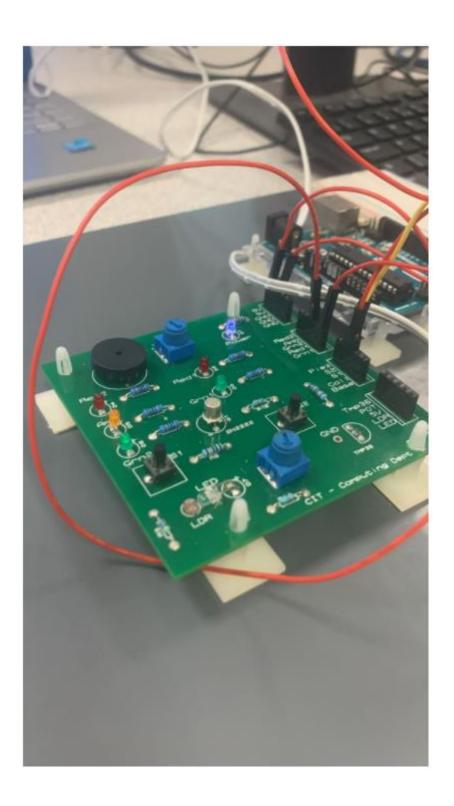
Task4.2:

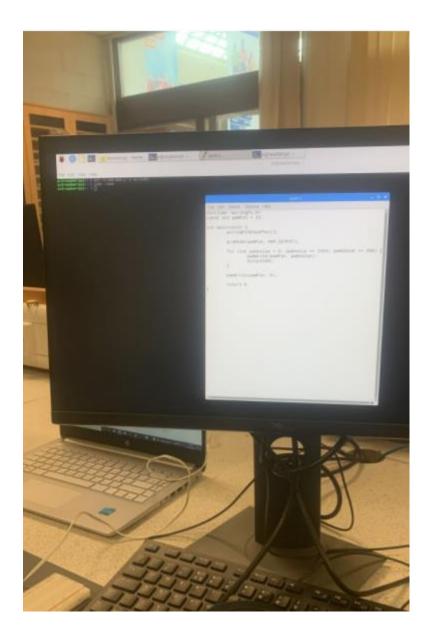


Task4.3:



Task4.4:





Q. In the above code, what values of pwmValue are used in the program execution?

Ans: