PRACTICAL - 6

AIM: **Using Raspberry Pi and the normal bread board to blink an LED**

Code

```
# Filename: LED.py
# Deploy: sudo python LED.py

import RPi.GPIO as GPIO
import time

GPIO.setmode(GPIO.BOARD)
GPIO.setup(11, GPIO.OUT)
        GPIO.output(18,GPIO.HIGH)
        time.sleep(1)
        GPIO.output(18,GPIO.LOW)
        time.sleep(1)
GPIO.close()
```
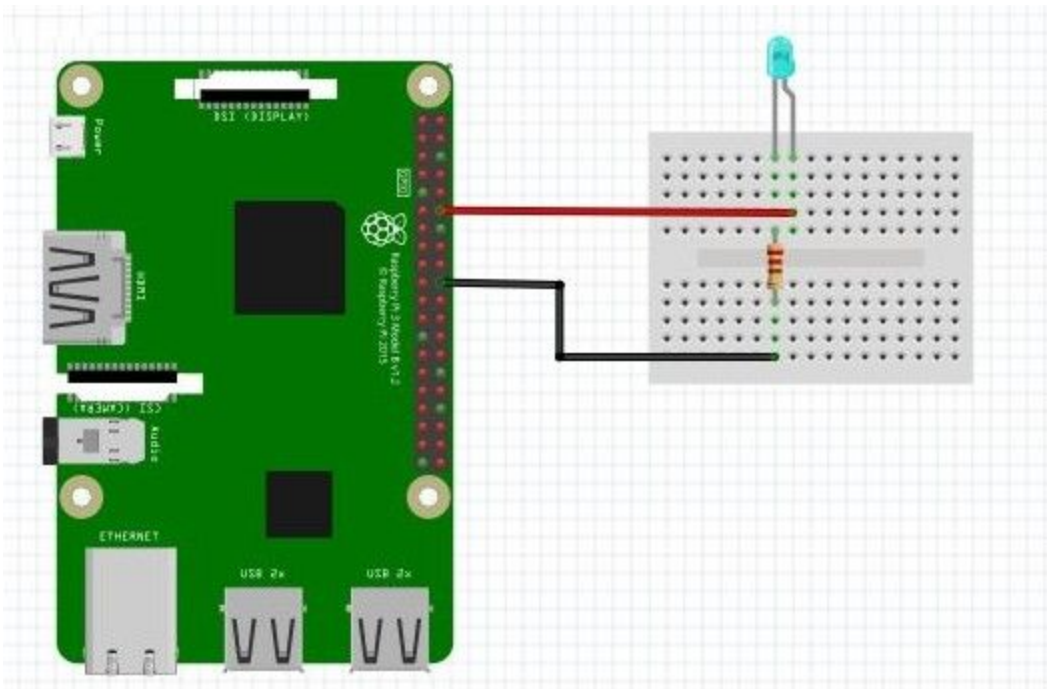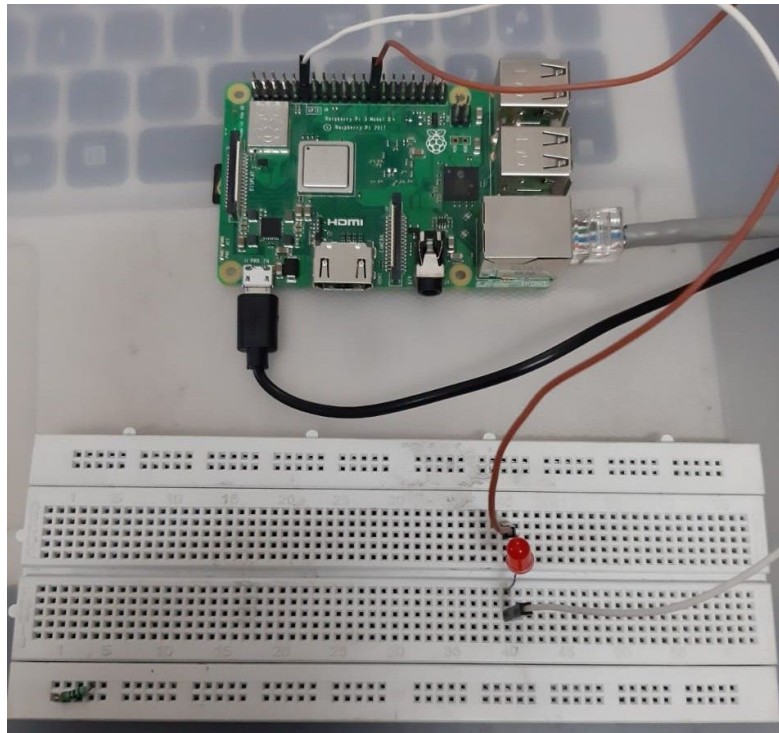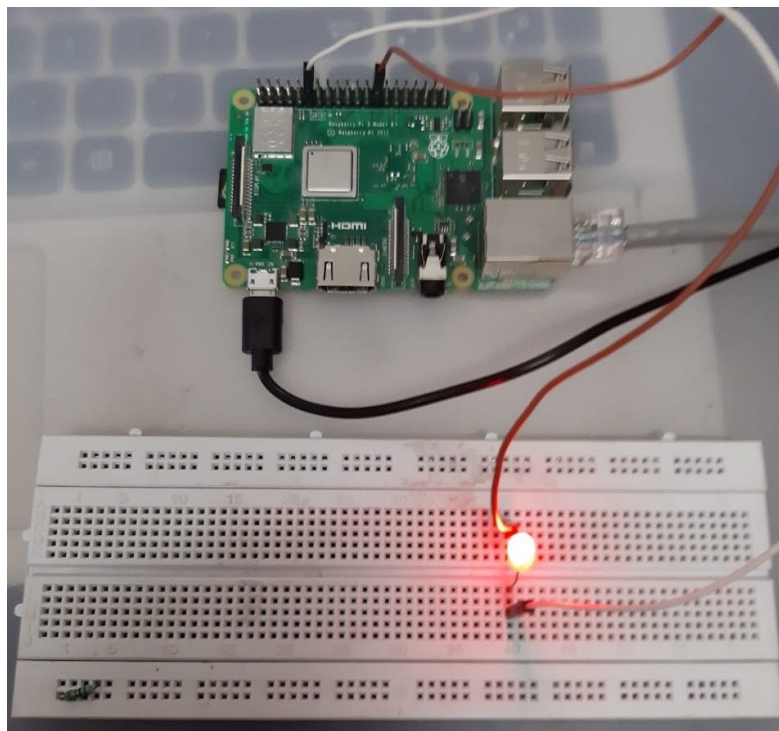
Circuit Diagram

Fig 6.1 - Circuit Diagram for connecting LED with Raspberry Pi

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Output on breadboard LED with Raspberry Pi

Fig 6.2 - LED OFF with Raspberry Pi

Fig 6.3 - LED ON with Raspberry Pi