

ASSIGNMENT -3

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Write python code for blinking LED and Traffic lights for Raspberry pi

```
#define RED 1
#define YELLOW 5
#define GREEN 9

void setup()
{
  pinMode(RED,OUTPUT);
  pinMode(YELLOW,OUTPUT);
  pinMode(GREEN,OUTPUT);
}

void loop()
{
  digitalWrite(GREEN, HIGH);
  delay(10000);

  digitalWrite(GREEN, LOW);
  digitalWrite(YELLOW, HIGH);
  delay(5000);

  digitalWrite(YELLOW, LOW);
  digitalWrite(RED, HIGH);
  delay(30000);

  digitalWrite(YELLOW, HIGH);
```

```
delay(500);  
digitalWrite(YELLOW, LOW);  
digitalWrite(RED, LOW);  
}
```