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IBM18C5079

IOT Lab

Batch - 1

2) Traffic Lights :

```
int GREEN = 2;
```

```
int YELLOW = 3;
```

```
int RED = 4;
```

```
int DELAY_GREEN = 5000;
```

```
int DELAY_YELLOW = 3000;
```

```
int DELAY_RED = 7000;
```

```
void setup()
```

```
{
```

```
  pinMode(GREEN, OUTPUT);
```

```
  pinMode(YELLOW, OUTPUT);
```

```
  pinMode(RED, OUTPUT);
```

```
}
```

```
void loop()
```

```
{
```

```
  greenLight();
```

```
  delay(DELAY_GREEN);
```



Page..

yellow-light();

delay(DELAY_YELLOW);

red-light();

delay(DELAY_RED);

}

void green-light()

{ digitalWrite(GREEN, ^{HIGH}~~LOW~~);

digitalWrite(YELLOW, LOW);

digitalWrite(RED, LOW);

}

void yellow-light()

{ digitalWrite(GREEN, LOW);

digitalWrite(YELLOW, HIGH);

digitalWrite(RED, LOW);

}

void red-light()

{ digitalWrite(GREEN, LOW);

digitalWrite(YELLOW, LOW);

digitalWrite(RED, HIGH);

}