

Experiment NO 4

// Arduino UNO: Blink two LEDs on pin 13 and pin 12

// The setup() function runs once when you press reset or power the board

```
void setup() {
```

```
  // Initialize digital pins 13 and 12 as outputs
```

```
  pinMode(13, OUTPUT);
```

```
  pinMode(12, OUTPUT);
```

```
  pinMode(11, OUTPUT);
```

```
}
```

// The loop() function runs over and over again forever

```
void loop() {
```

```
  digitalWrite(13, HIGH); // Turn LED on pin 13 ON
```

```
  digitalWrite(12, HIGH);
```

```
  digitalWrite(11, HIGH); // Turn LED on pin 12 ON
```

```
  delay(1000);           // Wait for 1 second
```

```
  digitalWrite(13, LOW); // Turn LED on pin 13 OFF
```

```
  digitalWrite(12, LOW);
```

```
  digitalWrite(11, LOW); // Turn LED on pin 12 OFF
```

```
  delay(1000);           // Wait for 1 second
```

```
}
```

OUTPUT:-



