Ridwan Adekola, 21708024, 6/8/2021,

```
byte State = HIGH
Const int LED1 = 5,  LED2 = 7,  LED3 = 9,  LED4 = 11,  buttonPin = 2;
Void  Setup () {
  PinMode (LED1, OUTPUT);
  Pinmode (LED2, OUTPUT);
  Pinmode (LED3, OUTPUT);
  Pinmode (LED4, OUTPUT);
  Pinmode (buttonPin, INPUT_PULLUP);
  Serial.begin(9600);
  attachInterrupt (digitalPinToInterrupt (buttonPin), blink, CHANGE);
}

VOid blink () {
  State = !State;
}



Void  Loop () {
  digitalWrite (LED1, HIGH);
  Serial.println ("LED1 ON");
  delay (3000);
  if (State == Low) return;
  digitalWrite (LED1, Low);
  digitalWrite (LED2, HIGH);
  Serial.println ("LED 2 ON");
  delay (3000);
  if (state == Low) return;
  digitalWrite (LED2, Low);
  digitalWrite (LED3, HIGH);
  Serial.println ("LED3 ON);
  delay (3000);
  if (state = Low) return;
  digitalWrite (LED4, Low);
  Serial.println ("LED4 ON);

}
```