

```
int button = 6;
int ledred = 8;
int ledgreen = 9;
int ledwhite = 10;
int button_off = 0;
int button_on = 1;
```

```
void setup () {
  pinMode(button, INPUT);
  pinMode(ledred, OUTPUT);
  pinMode(ledgreen, OUTPUT);
  pinMode(ledwhite, OUTPUT);
  digitalWrite(ledred,LOW);
  digitalWrite(ledgreen,HIGH);
  digitalWrite(ledwhite,LOW);
```

```
}
```

```
void loop () {
  if (digitalRead(button) == HIGH (
    if (status==0) (
status = 1;
    digitalWrite(ledred, HIGH);
    digitalWrite(ledgreen,LOW);
  }
  else{
    digitalWrite(ledred, LOW);
    digitalWrite(ledgreen, HIGH);}
  delay(100);
}
```