

## ASSIGNMENT-1

Name: S.Arun Prakash.

Register Number:811519106017.

Program:

```
Void setup()
{
  pinMode(3,INPUT);
  pinMode(13,OUTPUT);
}
Void loop()
{
  If(digitalRead(3)==HIGH)
  {
    digitalWrite(13,HIGH);
  }
  Else
  {
    digitalWrite(13,LOW);
  }
  Delay(10);
}
```

Schematic Circuit:

Simulator time: 00:00:13

Code Stop Simulation Send To

1 (Arduino Uno R3)

PIR Sensor

Name	1
Target X	-109.54
Target Y	-114.00
Target Z	-114.00

```
1 void setup()
2 {
3   pinMode(3, INPUT);
4   pinMode(13, OUTPUT);
5 }
6 void loop()
7 {
8   if(digitalRead(3) == HIGH)
9   {
10    digitalWrite(13, HIGH);
11  }
12  else
13  {
14    digitalWrite(13, LOW);
15  }
16  delay(10);
17 }
```

Serial Monitor