ASSIGNMENT-1

Name: S. Dhinakar.

Register Number:811519106035.

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:

Code | Stop Simulation | Send To

PIR Sensor

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

1 (Arduino Uno R3)

```
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