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**ROLL NO :** SEAD21225

**SUBJECT :** Internet Of Things (IOT)

**CLASS :** SE(B)

**BATCH :** B2

**EXPERIMENT NO : 12**

**TITLE :**

**Understanding the connectivity of Raspberry-Pi /Beagle board circuit / Arduino with IR sensor. Write an application to detect obstacle and notify user using LEDs.**

**CODE:**

**void setup()**

**{**

**pinMode(4, OUTPUT);**

**pinMode(9, INPUT);**

**digitalWrite(4, HIGH);**

**}**

**void loop()**

**{**

**if(digitalRead(9)==1)**

**digitalWrite(4, HIGH);**

**else**

**digitalWrite(4, LOW);**

**}**

**OUTPUT:**



**Before obstacle come After obstacle come**