# Assignment-1

PythonProgramming

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| AssignmentDate | 19thSeptember2022 |
| StudentName | Mr.Yaswanth Bala P S |
| StudentRollNumber | 73771913188 |
| MaximumMarks | 2Marks |

# Question-1:

Smarthomeautomationdesignsprovideanunprecedentedlevelofcomfortandconvenience in Melbourne homes, delivering you a personalised and innovative roomexperience.

# Solution:

#include <Servo.h>Servomyservo;

int led=6;int pir=2;voidsetup()

{

Serial.begin(9600);pinMode(pir,INPUT);pinMode(led,OUTPUT);myservo.attach(9);

}

voidloop()

{

int val=digitalRead(pir);Serial.println(val);if(val==HIGH)

{

digitalWrite(led,HIGH);myservo.write(70);

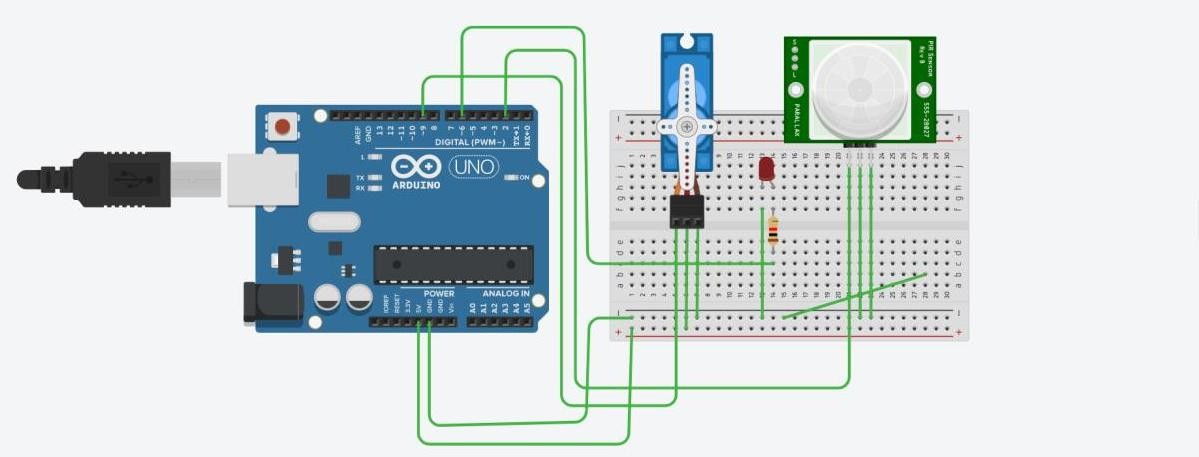
}

else

{

digitalWrite(led,LOW);myservo.write(10);

}

}

