

Assignment -1

Assignment Date	18 September 2022
Student Name	Ms. GOBIKA S
Student Roll Number	621319106019
Maximum Marks	2 Marks

Question-1:

Build a code for Arduino board

Program:

```
#include <Servo.h>
Servo myservo;
int led=6;
int pir=2;

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

void loop()
{
  int val = digitalRead(pir);
  Serial.println(val);
  if(val==HIGH){
    digitalWrite(led,HIGH);
    myservo.write(70);
  }
  else{
    digitalWrite(led,LOW);
    myservo.write(10);
  }

  delay(10);
}
```

