

ASSIGNMENT-1

Assignment Date	19 September 2022
Student Name	P.Dhilip
Student Roll Number	910619106013
Maximum Marks	2Marks

HOME AUTOMATION

Question-1:

```
#include<Servo.h>
Servo s;
int i,j;

void setup()
{
  s.attach(3);
  pinMode(12,OUTPUT);
}

void loop()
{
  for(i=0;i<360;i++);
  {
    s.write(i);
    delay(100);
  }
  for(j=0;j>=180;j--);
  {
    s.write(j);
    delay(10);
  }
  delay(1000);
  for(int i=0;i<=30000;i=i+10)
  {
    tone(12,i);
    delay(1000);
    noTone(12);
```

```
    delay(1000);  
  }  
  
}
```

