

NAME:RIBIN RAPPAI

DEPARTMENT:MEDICAL ELECTRONICS

YEAR:3RD YEAR

COLLEGE:SENGUNTHAR COLLEGE OF ENGINEERING

GROUP:GROUP-3

NMTEAMID:NM2023TMID13573

PROFESSIONAL READINESS FOR INNOVATION, EMPLOYABILITY AND ENTREPRENEURSHIP

INTERNET OF THINGS

ASSIGNMENT-1

CODE:

```
#include<Servo.h>
intPir=8;
intstatusPir=0;
Servomy servo;

voidsetup(){

  Serial.begin(9600);Serial.p
  rintln("Smart
  Door");myservo.attach(6);
  pinMode(Pir,INPUT);

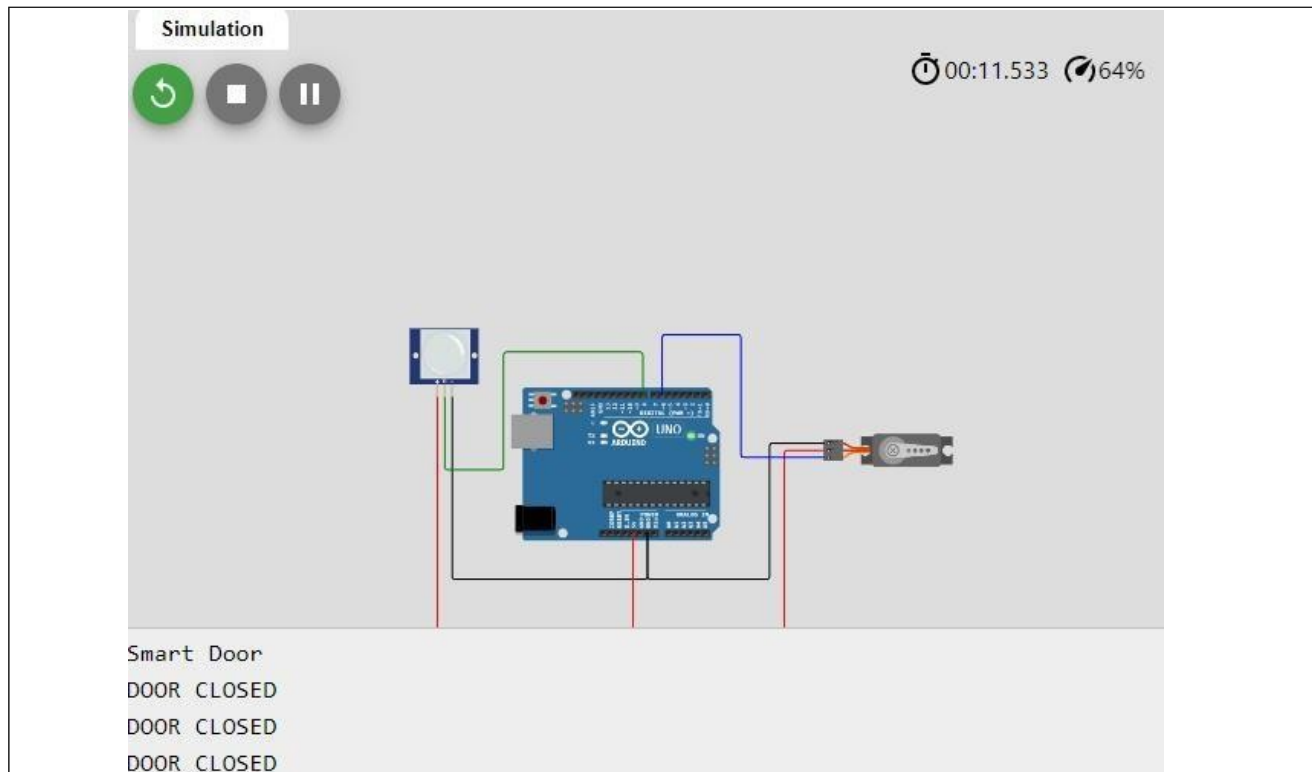
}

voidloop(){

  statusPir=digitalRead(Pir)
  ;if(statusPir ==
  HIGH){myservo.write(45);
  delay(1000);myservo.wri
  te(0);delay(1000);myserv
  o.write(90);delay(1000);
  Serial.println("DOOROPEN");
  }else{myservo.write
  (135);delay(1000);
  myservo.write(180)
  ;delay(1000);myse
  rvo.write(90);delay
  (1000);
  Serial.println("DOORCLOSED");
  }
  delay(1000);
}
```

CONNECTIONS:

WOKWICONNECTION:



TINKERCAD CONNECTION:

