```
int RSens = A5;
int LSens = 1;

int LDir1 = A4;
int LDir2 = A3;
int LPwm = 9;

int RDir1 = A1;
int RDir2 = A2;
int RPwm = 10;

int Led3 = 11;
int Led2 = 12;
int Led1 = 13;

int Buzzer = 8;

int DSwitch1 = 4;
int DSwitch2 = 3;
int DSwitch3 = 2;

int Button = A0 ;
void setup() {
  pinMode(LSens, INPUT);
  pinMode(RSens, INPUT);

  pinMode(LDir1, OUTPUT);
  pinMode(LDir2, OUTPUT);
  pinMode(LPwm, OUTPUT);
```

```
  pinMode(Led1, OUTPUT);
  pinMode(Led2, OUTPUT);
  pinMode(Led3, OUTPUT);

  pinMode(RDir1, OUTPUT);
  pinMode(RDir2, OUTPUT);
  pinMode(RPwm, OUTPUT);

  pinMode(DSwitch1, INPUT);
  pinMode(DSwitch2, INPUT);
  pinMode(DSwitch3, INPUT);

  pinMode(Button, INPUT);
  pinMode(Buzzer, OUTPUT);
  //
  digitalWrite(DSwitch1, HIGH);
  digitalWrite(DSwitch2, HIGH);
  digitalWrite(DSwitch3, HIGH);
  digitalWrite(Button, HIGH);
  //
}

void loop() {


  if (digitalRead(DSwitch1) == 0 && digitalRead(DSwitch2) == 0 && digitalRead(DSwitch3) == 0) {

    //////////HERA //////////

    for (int i = 0; i < 3; i++) {
      digitalWrite(Led3, HIGH);
```

```
      digitalWrite(Led2, HIGH);
      digitalWrite(Led1, HIGH);
      noTone(Buzzer);
      delay(100);
      tone(Buzzer, 800);
      delay(150);

    }
    digitalWrite(Led3, HIGH);
    digitalWrite(Led2, HIGH);
    digitalWrite(Led1, HIGH);
Ses:
    noTone(Buzzer);
    if (digitalRead(Button) == 1)
    {


      for (int i = 0; i < 4; i++) {
        noTone(Buzzer);

        tone(Buzzer, 800);
        delay(600);
        noTone(Buzzer);
        delay(200);
      }


      while (1) {

        if (digitalRead(LSens) == 0)
        {
```

```
  digitalWrite(LDir1, LOW);
  digitalWrite(LDir2, HIGH);
  analogWrite(LPwm, 150);

  digitalWrite(RDir1, HIGH);
  digitalWrite(RDir2, LOW);
  analogWrite(RPwm, 150);
  delay(500);
 }
 else if (digitalRead(RSens) == 1)
 {
  digitalWrite(LDir1, HIGH);
  digitalWrite(LDir2, LOW);
  analogWrite(LPwm, 150);

  digitalWrite(RDir1, LOW);
  digitalWrite(RDir2, HIGH);
  analogWrite(RPwm, 150);
  delay(500);
 }
 else {
  digitalWrite(LDir1, HIGH);
  digitalWrite(LDir2, LOW);
  analogWrite(LPwm, 150);

  digitalWrite(RDir1, HIGH);
  digitalWrite(RDir2, LOW);
  analogWrite(RPwm, 150);
 }

}
```

```
    } else {
      goto Ses;
    }
    goto Ses;

  } else {
    digitalWrite(Led1, LOW);
    digitalWrite(Led2, LOW);
    digitalWrite(Led3, LOW);

  }

}
```