Exp 5

```
void setup()
{
  pinMode(3, OUTPUT);
  pinMode(5, OUTPUT);
  pinMode(6, OUTPUT);
  Serial.begin(9600);
}

void loop()
{
  int in=analogRead(A0);
  int yo=map(in,20,358,-40,125);

Serial.println(yo);
  if(yo<=20)
  {
    digitalWrite(3,LOW);
    digitalWrite(5,LOW);
    digitalWrite(6,HIGH);
  }
  if(yo>20 && yo<100)
  {
    digitalWrite(3,LOW);
    digitalWrite(5,HIGH);
    digitalWrite(6,LOW);
  }

  else if(yo>=100){

    digitalWrite(3,HIGH);
    digitalWrite(5,LOW);
    digitalWrite(6,LOW);

  }

  delay(1000);// Wait for 1000 millisecond(s)
}
```