```
int x;
int y;
int countx=0;
void setup() {
  pinMode(12,INPUT);
  pinMode(13,INPUT);
  pinMode(2,OUTPUT);
  pinMode(3,OUTPUT);
  pinMode(4,OUTPUT);
  pinMode(5,OUTPUT);
  pinMode(6,OUTPUT);
  pinMode(7,OUTPUT);
  pinMode(8,OUTPUT);
  pinMode(9,OUTPUT);
  pinMode(10,OUTPUT);
 // pinMode(11,OUTPUT);
  Serial.begin(9600);

}

void loop() {
  x=digitalRead(12);
  y=digitalRead(13);
  delay(1000);
  Serial.println(x);
```

```
Serial.println(y);
if(x==1){
  countx=countx+1;
}
if(y==1){
 countx=countx-1;
}



if(countx<=1 and countx>=0)
{
  digitalWrite(2,HIGH);
  digitalWrite(3,LOW);
  digitalWrite(4,LOW);
  digitalWrite(5,LOW);
  digitalWrite(6,LOW);
  digitalWrite(7,LOW);
  digitalWrite(8,LOW);
  digitalWrite(9,LOW);
  digitalWrite(10,LOW);
  digitalWrite(11,LOW);
  done();
}
if(countx<0)
{
```

```
  countx=0;


}
if(countx<=5)
{
  digitalWrite(2,HIGH);
  digitalWrite(3,HIGH);
  digitalWrite(4,LOW);
  digitalWrite(5,LOW);
  digitalWrite(6,LOW);
  digitalWrite(7,LOW);
  digitalWrite(8,LOW);
  digitalWrite(9,LOW);
  digitalWrite(10,LOW);
  //digitalWrite(11,LOW);
  done();
}
else
{
 digitalWrite(2,HIGH);
 digitalWrite(3,HIGH);
 digitalWrite(4,HIGH);
 digitalWrite(5,HIGH);
 digitalWrite(6,HIGH);
 digitalWrite(7,HIGH);
```

```
   digitalWrite(8,HIGH);
   digitalWrite(9,LOW);
   digitalWrite(10,LOW);
   //digitalWrite(11,LOW);
   //digitalWrite(3,HIGH);
   done();
  }
  //Serial.println(countx);

}
void done()
{

  Serial.println(countx);
  loop();
}
```