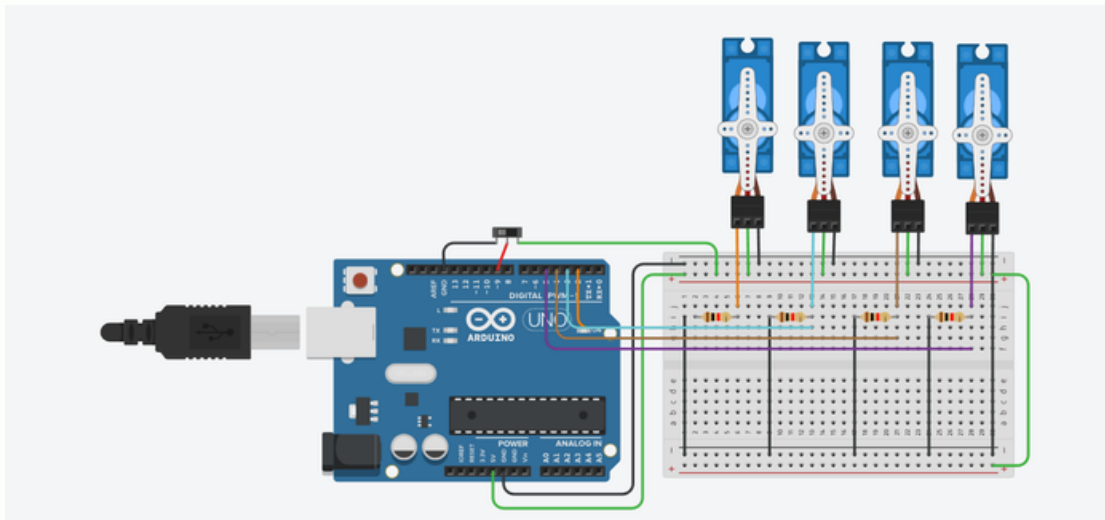


DESIGN OF CIRCUIT FOR CONNECTING AND DISCONNECTING ELECTRIC CURRENT FOR MOTORS

Connecting



Code

```
#include <Servo.h>
Servo servo;
Servo servol;
Servo servo2;
Servo servo3;
int num=0;
void setup()
{
  servo.attach (2);
  servol.attach (3);
  servo2.attach (4);
  servo3.attach (5);
  pinMode(9, INPUT);
}
void loop()
{
  if (digitalRead(9) == 1)
  {
    for (num=0; num <= 180; num+= 1)
    {
      servo.write(num);
      servol.write(num);
      servo2.write(num);
      servo3.write(num);
    }
  }
}
```

```
void loop()
{
  if (digitalRead(9) == 1)
  {
    for (num=0; num <= 180; num+= 1)
    {
      servo.write(num);
      servol.write(num);
      servo2.write(num);
      servo3.write(num);
    }
  }
  else
  {
    servo.write(0);
    servol.write(0);
    servo2.write(0);
    servo3.write(0);
  }
}
```