

Steps for operating a brushless motor (DC motor)

To Connect Electrical Wires:

STEP1: Connect the "H-bridge motor Driver" with the "Arduino Uno R3" as shown in the picture1.0.

STEP2: Connect the "H-bridge motor Driver" with "DC motor " as shown in the picture2.0.

STEP3: Connect the positive electrode of the battery (power supply) to the "H-bridge motor Driver" and the negative electrode to the "Arduino Uno R3"as shown in the picture3.0.

STEP4: Connect the 'Arduino Uno R3' to the computer through the port.

To operate the DC moto:

STEP5: Open Arduino IDE.

STEP6: Click Tools → Port → CDM10.

STEP7: Copy the following code on a new page:

```
void setup()
{
  pinMode(12, OUTPUT);
  pinMode(13, OUTPUT);
{

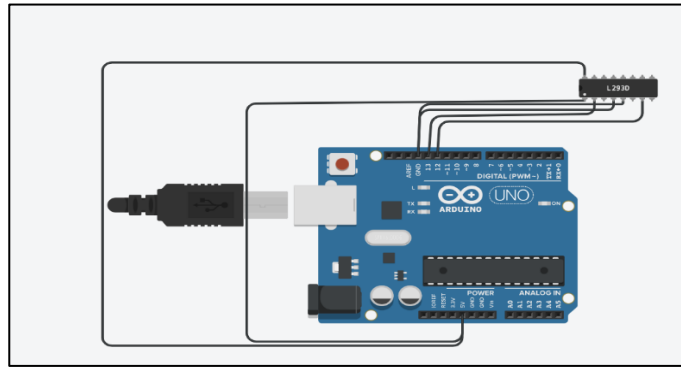
void loop()
}

digitalWrite(13, HIGH);
digitalWrite(13, LOW);
{
```

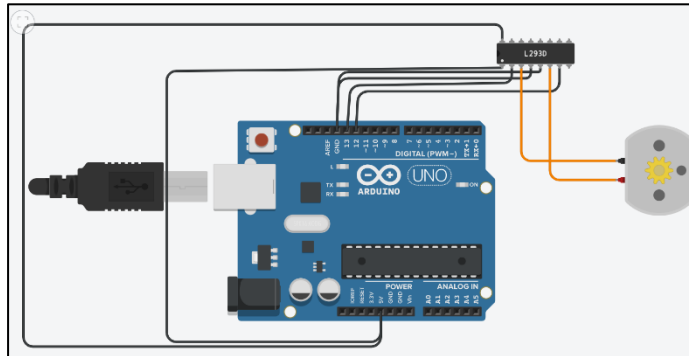
STEP8: Click upload.

Now the steps are completed. Look at the DC motor. You should see it moving . If not, first check the connected electrical wires, then check the rest of the steps.

Picture1.0



Picture2.0



picture3.0

