

```
void setup
{
pinMode(3, OUTPUT);
pinMode(5, OUTPUT);
pinMode(6, OUTPUT);
pinMode(9, OUTPUT);
digitalWrite(3, LOW);
digitalWrite(5, LOW);
digitalWrite(6, LOW);
digitalWrite(9, LOW);

}

void loop
{

//clockwise rotation:
digitalWrite(3, HIGH);
digitalWrite(5, HIGH);
digitalWrite(6, LOW);
digitalWrite(9, LOW);
delay(1000);

//counter-clockwise rotation:
digitalWrite(3, LOW);
digitalWrite(5, LOW);
digitalWrite(6, HIGH);
digitalWrite(9, HIGH);
delay(1000);
}
```