**Practical 6**

**AIM:** Interfacing Servo Motor with the Arduino.

#include<Servo.h>

Servo myservo;

int pos=0;

void setup()

{

// put your setup code here, to run once:

myservo.attach(7);}

void loop() {

// put your main code here, to run repeatedly:

for(pos=0;pos<=180;pos++)

{

myservo.write(pos);

delay (15);

}

delay (1000);

for (pos=180; pos>=0;pos--)

{

myservo.write (pos);

delay (15);

}

delay(1000);

}

**OUTPUT:**

