VIVEK RAJEEV
IBM18CS142

PROGRAM 15 : SMART IRRIGATION SYSTEM

Aim : Design a smart irrigation system (Potentiometer, Servo motor shaft shaft

Hardware Required : Arduino Board, Breadboard, Potentiometer, Servometer

Code :

```
#include <Servo.h>
Servo myservo ;

int potpin = 0;
int val = 0;

void setup() {
    myservo.attach(9); }

void loop() {

    val = analogRead(potpin);
    val = map(val, 0, 1023, 0, 180);
    myservo.write(val);
    delay(15);
    }
```