Digital Password Lock

A keypad-based security lock system using an LCD and password input.

Components:

- Arduino UNO
- 4x4 Keypad
- 16x2 LCD
- Servo motor

Code will be uploaded using Arduino IDE.

Connections:

- Keypad to digital pins D2-D9
- LCD to D10-D13

Thank you!

Arduino Code:

```
String input = "";
void setup() {
 myServo.attach(10);
 myServo.write(0);
 Serial.begin(9600);
void loop() {
 char key = keypad.getKey();
 if (key) {
   input += key;
   if (input.length() == 4) {
     if (input == password) {
       myServo.write(90);
       delay(2000);
       myServo.write(0);
     input = "";
   }
```