

## LAB REPORT:1

### INPUT:

```
#include <iostream>
using namespace std;

int phone = -1;
int pin = -1;

void userRegistration() {
    cout << "\n--- User Registration ---\n";
    cout << "Enter phone number: ";
    cin >> phone;
    cout << "Enter pin number: ";
    cin >> pin;
    cout << "Account creation successful!\n\n";
}

void userLogin() {
    int inputPhone, inputPin;
    cout << "\n--- User Login ---\n";
    cout << "Enter phone number: ";
    cin >> inputPhone;
    cout << "Enter pin number: ";
    cin >> inputPin;

    if (inputPhone == phone && inputPin == pin) {
        cout << "Login successful!\n\n";
    } else {
        cout << "Login failed. Incorrect phone or pin.\n\n";
    }
}

void InitMenu() {
    int InitMenu_op = -1;
    while (InitMenu_op != 3) {
        cout << "1. User Registration\n";
        cout << "2. User Login\n";
        cout << "3. Exit\n";
        cout << "Enter option: ";
        cin >> InitMenu_op;

        switch (InitMenu_op) {
            case 1:
                userRegistration();
                break;
            case 2:
                userLogin();
                break;
            case 3:
                cout << "Exiting program.\n";
                break;
        }
    }
}
```


```

        default:
            cout << "Invalid Input\n\n";
            break;
    }
}

int main() {
    InitMenu();
    return 0;
}

```

## OUTPUT

 "C:\Users\HP\OneDrive\Desktop\nafisa\cse lab\OOP(F.F).exe"

```

1. User Registration
2. User Login
3. Exit
Enter option: 1

--- User Registration ---
Enter phone number: 234578
Enter pin number: 555
Account creation successful!

1. User Registration
2. User Login
3. Exit
Enter option: 3
Exiting program.

Process returned 0 (0x0)   execution time : 36.860 s
Press any key to continue.

```