**Name:** Sk Md Saad Bin Sohan

**Student ID:** 22101704

**Course Code:** CSE321

**Course Title:** Operating Systems

**Lab Assignment:** 3

# **Task 1:**

```
sohan@md-22101704:~$ nano p1.c
sohan@md-22101704:~$ gcc -o p1 p1.c
sohan@md-22101704:~$ ./p1
Provide Your Input From Given Options:
1. Type a to Add Money
2. Type w to Withdraw Money
3. Type c to Check Balance
a
Your selection: a
Enter amount to be added:
100
Balance added successfully
Updated balance after addition: 1100
Thank you for using
sohan@md-22101704:~$ ./p1
Provide Your Input From Given Options:
1. Type a to Add Money
2. Type w to Withdraw Money
3. Type c to Check Balance
a
Your selection: a
Enter amount to be added:
-600
Adding failed, Invalid amount
Thank you for using
```

```
sohan@md-22101704:~$ ./p1
Provide Your Input From Given Options:
1. Type a to Add Money
2. Type w to Withdraw Money
3. Type c to Check Balance
w
Your selection: w
Enter amount to be withdrawn:
400
Balance withdrawn successfully
Updated balance after withdrawal: 600
Thank you for using
sohan@md-22101704:~$ ./p1
Provide Your Input From Given Options:
1. Type a to Add Money
2. Type w to Withdraw Money
3. Type c to Check Balance
w
Your selection: w
Enter amount to be withdrawn:
-300
Withdrawal failed, Invalid amount
Thank you for using
sohan@md-22101704:~$
```

```
sohan@md-22101704:~$ ./p1
Provide Your Input From Given Options:
1. Type a to Add Money
2. Type w to Withdraw Money
3. Type c to Check Balance
c
Your selection: c
Your current balance is: 1000
Thank you for using
sohan@md-22101704:~$ ./p1
Provide Your Input From Given Options:
1. Type a to Add Money
2. Type w to Withdraw Money
3. Type c to Check Balance
o
Your selection: o
Invalid selection
Thank you for using
sohan@md-22101704:~$
```

## Task 2:

```
sohan@md-22101704:~$ nano p2.c
sohan@md-22101704:~$ gcc -o p2 p2.c
sohan@md-22101704:~$ ./p2
Please enter the workspace name:
cse321
Workspace name sent to OTP generator from log in: cse321
OTP generator received workspace name from log in: cse321
OTP sent to log in from OTP generator: 49707
OTP sent to mail from OTP generator: 49707
Mail received OTP from OTP generator: 49707
OTP sent to log in from mail: 49707
Log in received OTP from OTP generator: 49707
Log in received OTP from mail: 49707
OTP Verified
sohan@md-22101704:~$ ./p2
Please enter the workspace name:
abc
Invalid workspace name
sohan@md-22101704:~$
```