

Lab: 03

Answer to the question no:01

```
nowshin@nowshin-VirtualBox:~$ mkdir lab3
nowshin@nowshin-VirtualBox:~$ cd lab3
nowshin@nowshin-VirtualBox:~/lab3$ touch task1.c
nowshin@nowshin-VirtualBox:~/lab3$ gedit task1.c
nowshin@nowshin-VirtualBox:~/lab3$ gcc -o task1 task1.c
nowshin@nowshin-VirtualBox:~/lab3$ ./task1
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
```

```
nowshin@nowshin-VirtualBox:~/lab3$ ./task1
```

```
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
```

```
nowshin@nowshin-VirtualBox:~/lab3$ ./task1
```

```
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Enter amount to be withdrawn:
```

```
600
```

```
Balance withdrawn successfully
```

```
Updated balance after withdrawal:
```

```
400
```

```
Thank you for using
```

Thank you for using

```
nowshin@nowshin-VirtualBox:~/lab3$ ./task1
```

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Enter amount to be withdrawn: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

```
nowshin@nowshin-VirtualBox:~/lab3$ ./task1
```

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

Thank you for using

```
nowshin@nowshin-VirtualBox:~/lab3$ ./task1
```

Provide Your Input From Given Options:

1. Type a to Add Money
2. Type w to Withdraw Money
3. Type c to Check Balance

0

Your selection: 0

Invalid selection

Thank you for using

```
nowshin@nowshin-VirtualBox:~/lab3$
```

Answer to the question no:02

```
nowshin@nowshin-VirtualBox:~$ cd lab3
nowshin@nowshin-VirtualBox:~/lab3$ touch task2.c
nowshin@nowshin-VirtualBox:~/lab3$ gedit task2.c
nowshin@nowshin-VirtualBox:~/lab3$ gcc -o task2 task2.c
nowshin@nowshin-VirtualBox:~/lab3$ ./task2
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: 4071
OTP sent to mail from OTP generator: 4071
Mail received OTP from OTP generator: 4071
OTP sent to log in from mail: 4071
Log in received OTP from OTP generator: 4071
Log in received OTP from mail: 4071
OTP Verified
```

```
nowshin@nowshin-VirtualBox:~/lab3$ ./task2
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: 4081
OTP sent to mail from OTP generator: 4081
Mail received OTP from OTP generator: 4081
OTP sent to log in from mail: 4081
Log in received OTP from OTP generator: 4081
Log in received OTP from mail: 4081
OTP Verified
nowshin@nowshin-VirtualBox:~/lab3$ ./task2
Please enter the workspace name:
abc
Invalid workspace name
nowshin@nowshin-VirtualBox:~/lab3$
```