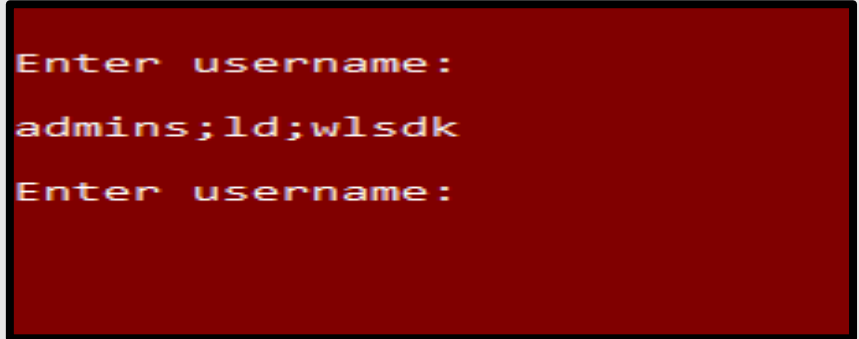# TEST SUITE
## COSMETICS & FURNITURE DISTRIBUTORS

**TESTING THROUGHOUT THE PROJECT IS DONE ON EACH STEP WHICH ARE AS FOLLOWS:**

The project took only 1 sec after compilation to run.

- First the menu function will be called. Because it is done by technique of filling (ifstraem) so there are no chances to be crash.

- Right after that login verification code will execute in which we have to enter username

(Validation is applied here. Username must matches with the actual username.)

**Weather username is input in the number series of in String it will not Crash.**



- If username found correct then user will ask to enter matching password. Password will kept secret in steric * form.

**If user enter wrong password either in numbers or string or character program will not crash**.

- And user will asked to enter username again then password.

```
Enter username:

admins;ld;wlsdk

Enter username:

admin

Enter password:
*********************************************
Enter username:
```

- Welcome note will open. (No requirement for user to enter any key it will continue right after login verification function is performed and will end up when found on end of function.)

It takes only 2 seconds.



```
C:\Users\Hifsa Basharat\Desktop\FINAL PROJECT COSMETICS & FURNITURE DISTRIBUT

                        *▯*▯* W..E..L..C..O..M..E*▯*▯*

                        *******▯*▯*▯*▯*T..O*▯*▯*▯*▯***

                        *▯*▯*▯*▯*▯*▯*MERCELA*▯*▯*▯*▯**

                    C.O.S.M.E.T.I.C.S & F.U.R.N.I.T.U.R.E

RUNING BY

1. Hifsa

2. Maria

3. Omema

4. Kainat
```

- In next step Panel function will execute it seems like.



There is a need to enter choice can be from (1-8) But if…

| ENTERED CHOICE | STATUS |
| --- | --- |
| 9 | NOT CRASH |
| 128712837 | NOT WORK PROPERLY |
| JSKADHKWJEHD;';'; | CRASH |
| H | NOT CRASH |

For Example

if entered choice '1' that is place order

- Another screen will open like where user have to enter 1 or 2 to choose category:

**If I enter lame text in choice then the project will obviously crash**

```
C:\Users\Hifsa Basharat\Desktop\FINAL PROJECT COSMETICS & FURNITURE

 PLACE ORDER:

 1) Cosmetics:
 2) Furniture:

    Enter Choice: kjahsjkahdkjlahdk
```

- At the time of inserting details **whatever user can enter either in numbers string it will not crash**
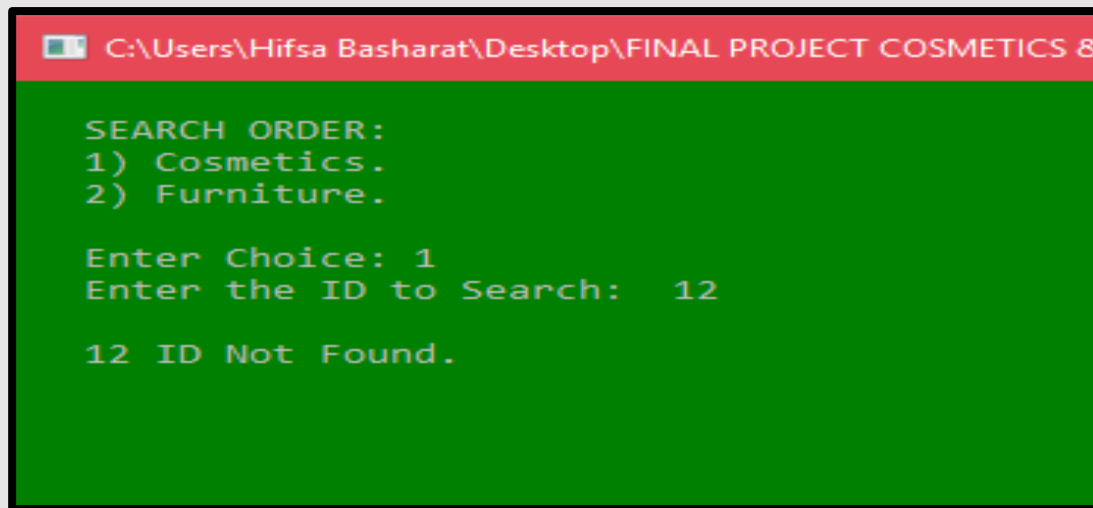
```
ID:           2
Name:         sadf
Contact No:   sdf
Address:      dsf
Product Name: dsf
Product Comapny:sdf
Email:  dsf
Price:        sdf
Quantity:     dsfds
Amount:       (price+tax) x Quantity

Total Amount: sdf + rs 10 * dsfds = 0


ID:           1
Name:         kjwaerhjowejrf
Contact No:   dkjfhlkfj
Address:      klesrwler234234
Product Name: 23423235
Product Comapny:12342354235
Email:  2342342353245
Price:        23423532452345
Quantity:     23452352345
Amount:       (price+tax) x Quantity

Total Amount: 23423532452345 + rs 10 * 23452352345 = 4.61169e+018
```

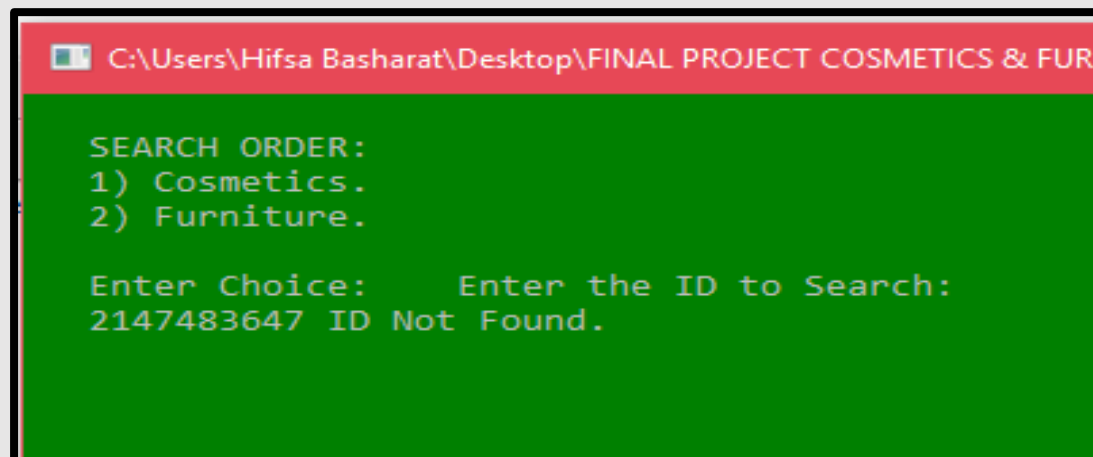- For searching if I search the non-determined id **it will simply return ID not found without crashing**



**But if I enter unlimited series of number to find the ID it will consider it as negative value and will crash**
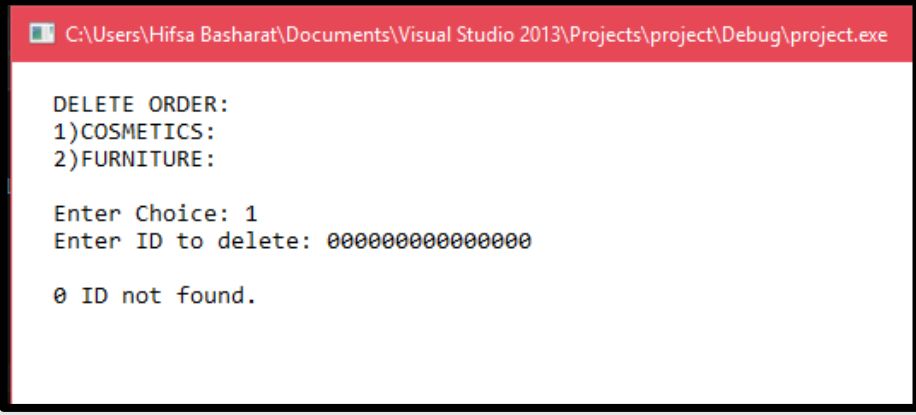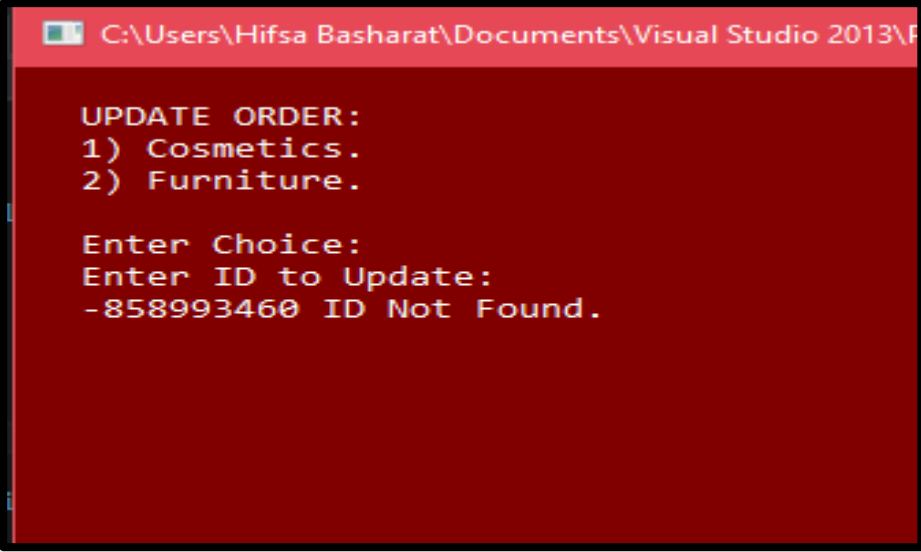
- Same is in the case of deleting any record



```
C:\Users\Hifsa Basharat\Documents\Visual Studio 2013\Projects\project\Debug\project.exe

DELETE ORDER:
1)COSMETICS:
2)FURNITURE:

Enter Choice: 1
Enter ID to delete: 000000000000000

0 ID not found.
```

- When you go for updating any ID **if you entered unmet choice then negative value will show and project will crash.**



```
C:\Users\Hifsa Basharat\Documents\Visual Studio 2013\P

UPDATE ORDER:
1) Cosmetics.
2) Furniture.

Enter Choice:
Enter ID to Update:
-858993460 ID Not Found.
```