

Communication Software Design

Lab 04 Exception handling

10/25/2019

First, print out a menu as follows:

Please choose an option:

[1] Load a file

[2] Edit

[3] Save to a file

[4] Exit

If the user enters a number that does not an option (a number not in the range of 1~ 4), print an error message.

➤ Option does not exist, please select again

If the user enters a letter (not a number), print an error message.

➤ Wrong input, please select again

Please choose an option:

[1] Load a file

[2] Save to a file

[3] Exit

> 5

Option does not exist, please select again

Please choose an option:

[1] Load a file

[2] Save to a file

[3] Exit

> X

Wrong input, please select again

Please choose an option:

[1] Load a file

[2] Save to a file

[3] Exit

> 3

Program exit.

If the user enters '1', print: Loading a file (and print an option as below example)

If the user enters '2', print: Saving to a file (and print an option as below example)

If the user enters '3', print: Program exits. (program ends.)

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Please choose an option:
[1] Load a file
[2] Save to a file
[3] Exit
> 1

Loading a file....
Would you like to end the program? (y/n)
>n

Please choose an option:
[1] Load a file
[2] Save to a file
[3] Exit
> 2

Saving to a file....
Would you like to end the program? (y/n)
>y

Program exits.
```

Hint: In this exercise, you may (or may not) use string to int function listed in the following webpage.

<http://www.cplusplus.com/forum/general/208135/>