**CSE 103: Structured Programming**
**Sec:02**

**Summer 2019**
**East West University**
**Department of computer Science and Engineering**

# Project Name : "Text Editor"

**SUBMITTED**
**BY**
*Syed Shahriar rakib*
**&**
*Wasif Niaz*

**SUBMITTED**
**TO**
*Dr. Ahmed Wasif Reza*
**Chairperson**
**Department of Computer Science and Engineering**
**East West University**

Submission Date: 25 August 2019

# CSE103 – Structured Programming

## Project Evaluation Rubrics

|  | Max. | Awarded |
|---|---|---|
| **A. Report** | | |
|    i.   Introduction / Problem statement | | |
|    iv.  System Design | | |
|    v.   Program output (Screen shots) | | |
|    vi.  Source code | | |
|    vii. Disk/CD neatly attached (Y/N) | | |
| | | |
| **B. Source Code** | | |
|    i.   Style | | |
|        Indentation | | |
|        Self-documentation | | |
|    ii.  Modularity (small size functions) | | |
|    iii. Error reporting capabilities | | |
|    iv.  Code efficiency, strategy, and originality | | |
| | | |
| **C. Program Execution** | | |
|    i.   Compile without errors | | |
|    ii.  User friendly | | |
|    iii. Error free during runtime | | |
|    iv.  Program output | | |
| | | |
| **D. Presentation and Demonstration [Psychomotor Domain]** | | |
|    i.   Presentation and communication skills (**Soft skill**) | | |
| | | |
| **E. Bonus** | | |
|    i.  Extra significant features | | |
| **TOTAL** | 11 | |

# CSE103 – Structured Programming

# Project Declaration

(Student 1)

| Student ID | 2018-3-60-113 |
|---|---|
| Name | Syed Shahriar Rakib |
| Session | Summer 2019 |
| Project No. | 10.Text editor |
| Date submitted | 25 August 2019 |
| Deadline of the project | 25 August 2019 |
| My contribution in doing this project (in percentage) in the group | 70% |
| Description of my contribution in this project in the group | writing source code,making report,making flow chart of code,burn cd and source code analysing. |
| Number of hours I spent in doing this project | Almost 25 hours. |

(Student 2)

| Student ID | 2018-3-60-083 |
|---|---|
| Name | Wasif Niaz |
| Session | Summer 2019 |
| Project No. | 10.Text editor |
| Date submitted | 25 August 2019 |
| Deadline of the project | 25 August 2019 |
| My contribution in doing this project (in percentage) in the group | 30% |
| Description of my contribution in this project in the group | Source code and report analysing. |

| Number of hours I spent in doing this project | Almost 10 hours. |
|---|---|

**We hereby certify that this project represents the work done by all our group members with our contribution clearly stated above without copying from any other resources. We declare that no part of our work has been copied from or by other groups, and that no collusion has taken place with any other persons or groups.**

**We certify that any disks submitted with this project have been virus checked and have no viruses on them.**

(1) Signature: …………………………  Date: .......................................

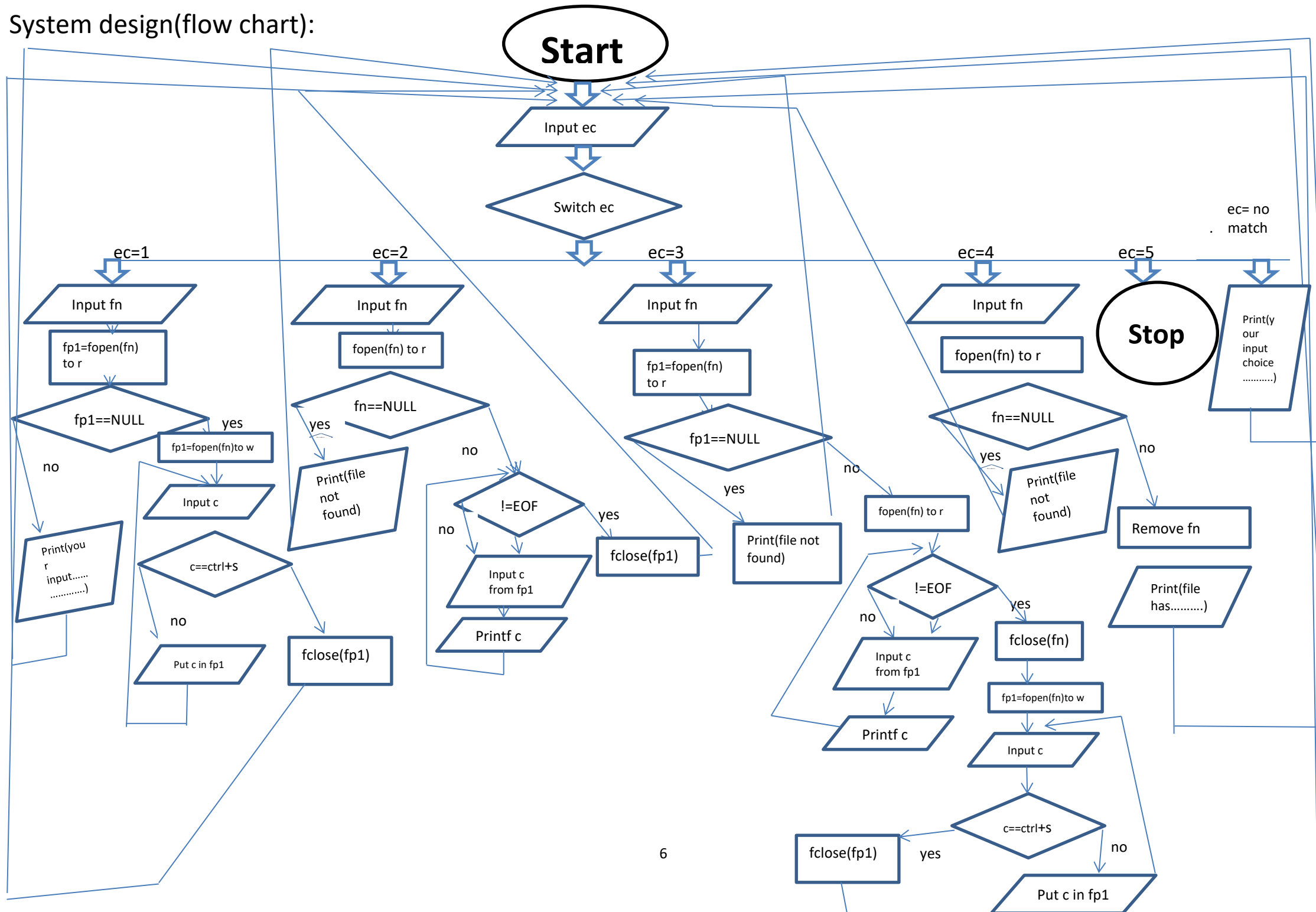(2) Signature: …………………………  Date: .......................................

# *INTRODUCTION ON MY PROJECT*
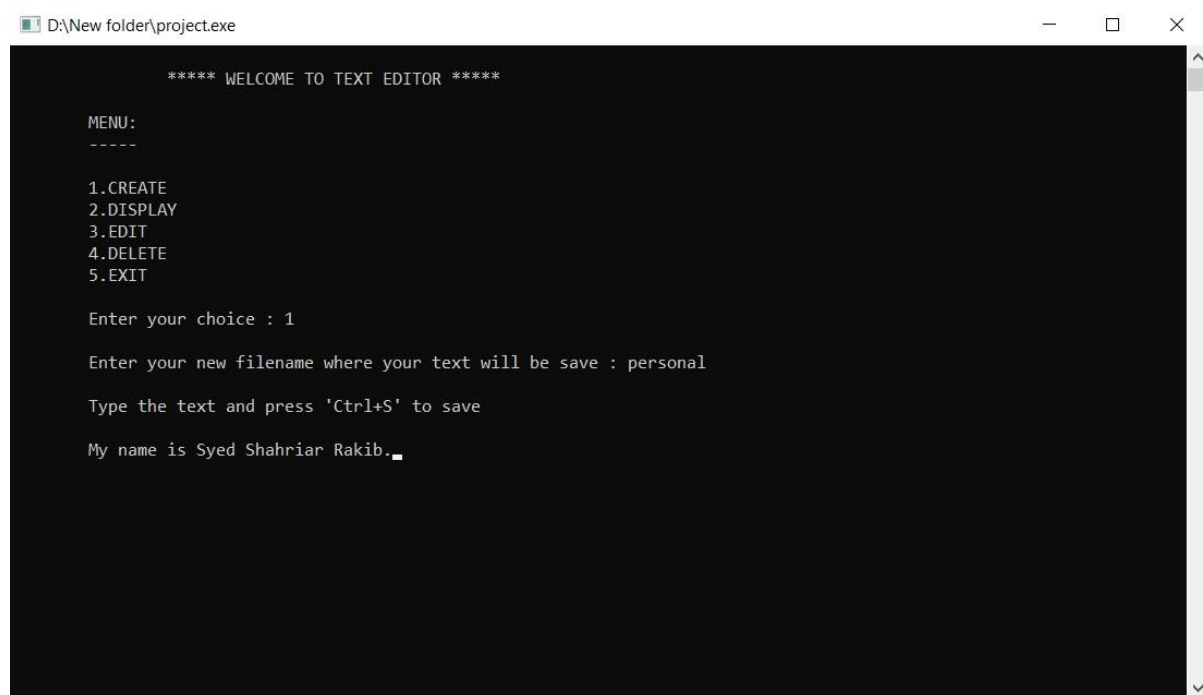
## "**What is Text Editor**"

Text editor is a place where we can add any data(such as phonebook ,daily information etc.) to save in a file.When data is need we display this.We can also edit, delet this file.

# System design(flow chart):

**Start**

Input ec

Switch ec

**ec=1**

Input fn

fp1=fopen(fn) to r

fp1==NULL — yes

no

fp1=fopen(fn)to w

Input c

c==ctrl+S

no

Put c in fp1

fclose(fp1)

Print(your input................)

**ec=2**

Input fn

fopen(fn) to r

fn==NULL

yes

no

Print(file not found)

!=EOF — yes

no

Input c from fp1

Printf c

fclose(fp1)

**ec=3**

Input fn

fp1=fopen(fn) to r

fp1==NULL

no

yes

Print(file not found)

**ec=4**

Input fn

fopen(fn) to r

fn==NULL

yes

no

Print(file not found)

fopen(fn) to r

!=EOF — yes

no

Input c from fp1

Printf c

fclose(fn)

fp1=fopen(fn)to w

Input c

c==ctrl+S

yes

fclose(fp1)

no

Put c in fp1

Remove fn

Print(file has..........)

**ec=5**

**Stop**

**ec= no match**

Print(your input choice ...........)

6

Programme output:

Screenshot01



Screenshot02

Screenshot03
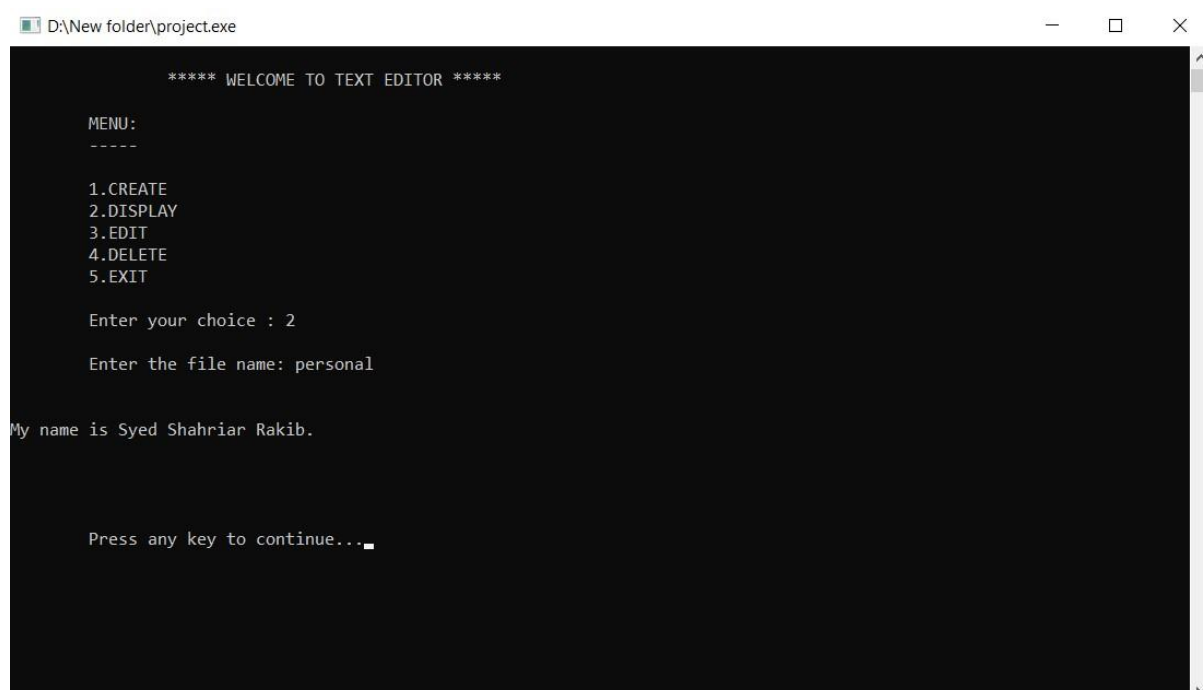


```
          ***** WELCOME TO TEXT EDITOR *****

     MENU:
     -----

     1.CREATE
     2.DISPLAY
     3.EDIT
     4.DELETE
     5.EXIT

     Enter your choice : 3

     Enter the file name: personal
My name is Syed Shahriar Rakib.

     Type the text and press 'Ctrl+S' to append.
I am a student._
```
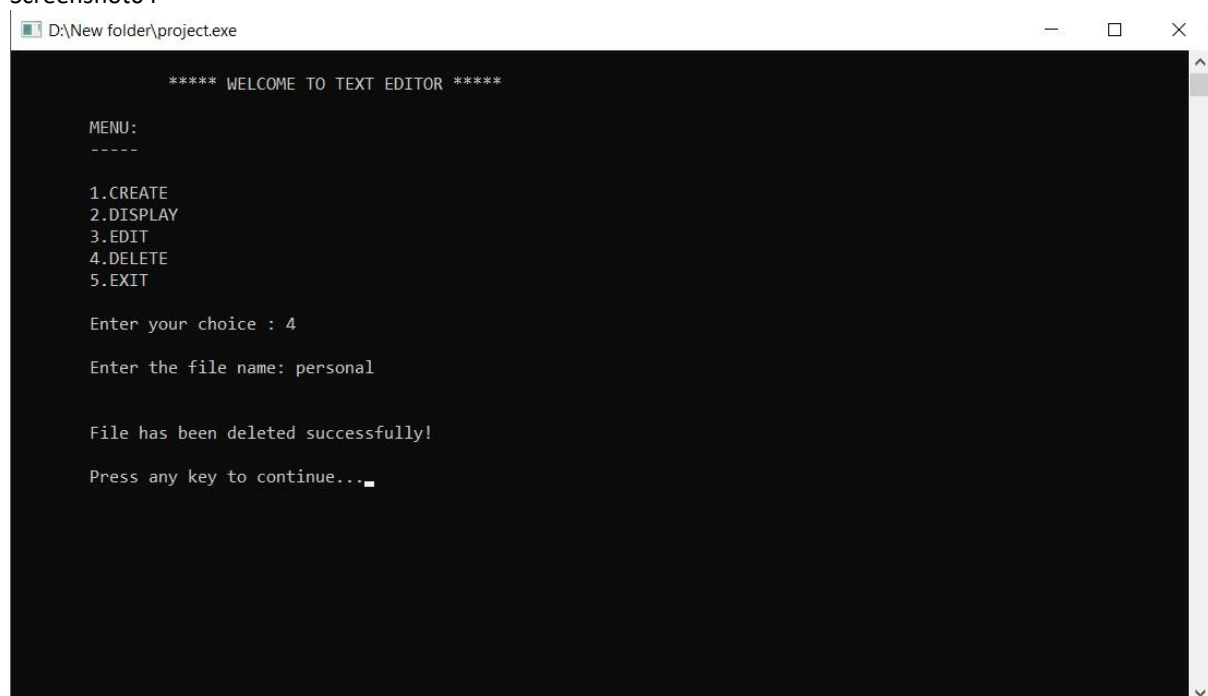
Screenshot04



```
          ***** WELCOME TO TEXT EDITOR *****

     MENU:
     -----

     1.CREATE
     2.DISPLAY
     3.EDIT
     4.DELETE
     5.EXIT

     Enter your choice : 4

     Enter the file name: personal


     File has been deleted successfully!

     Press any key to continue..._
```

Screenshot05



```
             ***** WELCOME TO TEXT EDITOR *****

        MENU:
        -----

        1.CREATE
        2.DISPLAY
        3.EDIT
        4.DELETE
        5.EXIT

        Enter your choice : 5

        Thank you for using 'Text Editor'
        press any key to exit
Process returned 0 (0x0)   execution time : 10.278 s
Press any key to continue.
```
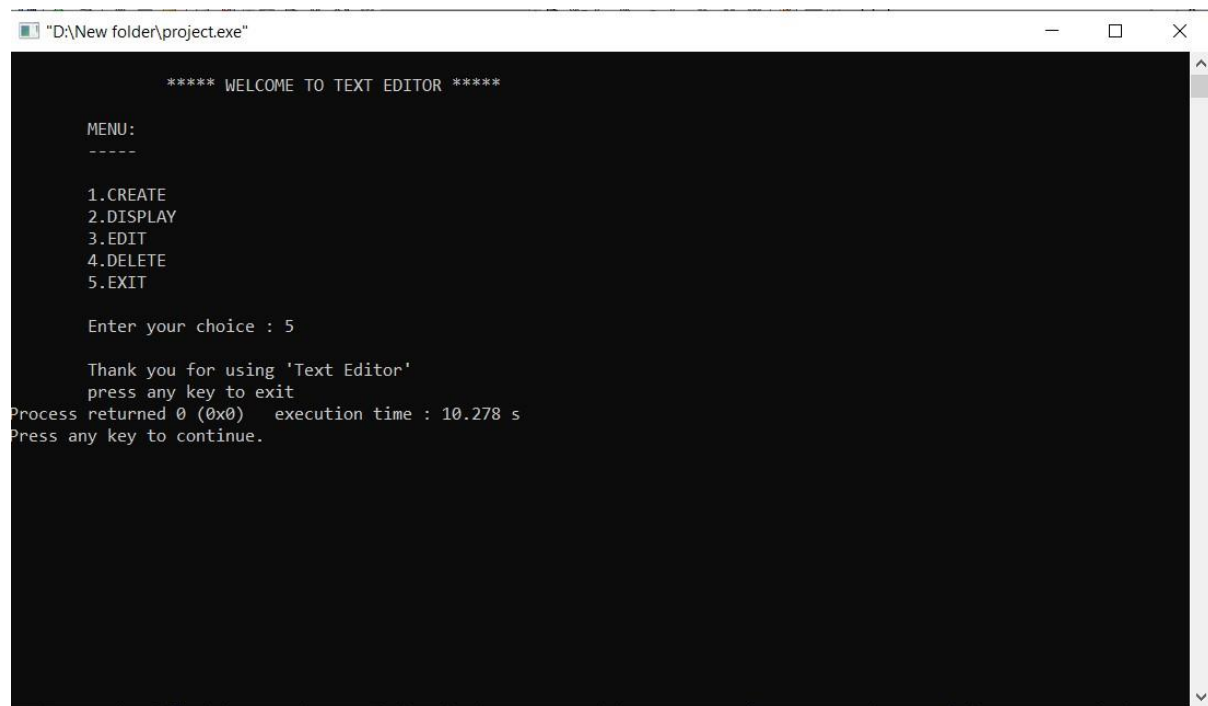
# Limitations

❖ When we input from keboard , we can not use left and right button.

❖ When we edit a file ,we can alaways add text at the end of previous text. But we can add text at anywhere.

# Features

❖ In our programme, we add everything. Besides it has no word character limitions.

❖ In our progrrame ,we can text add,edit,display and delete.

❖ In our programme , the files are saved parmanently.

❖ In our programme, we can save many files.

# Conclusion

Our programme is very easy to run and we can easily be add, edit, display and  delete file. I think this will be helpful for users.