# Assignment 1

Програма реалізована і працює за принципом збереження всього, що вводиться в "технічний" файл, про який користувачу не повідомляється. Символи зберігаються по одному через getchar(), тому обмежень в розмірі вводу немає.

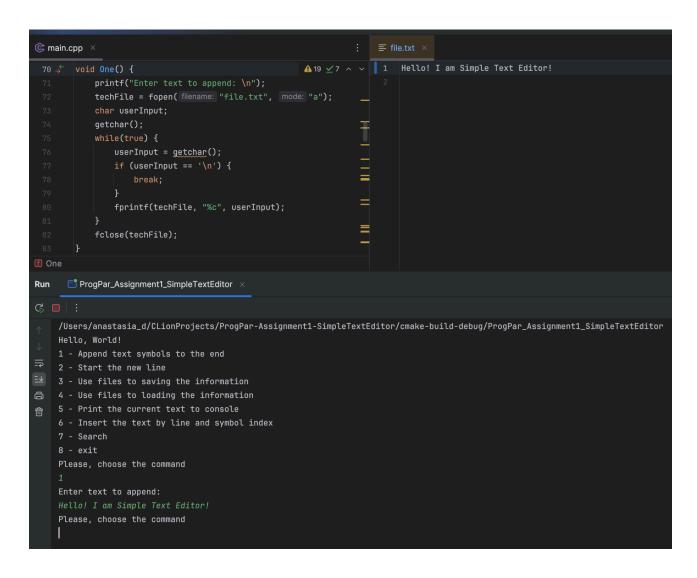
При виборі команди вводити можна тільки числа (якщо текст - все ламається).

## Тест 1

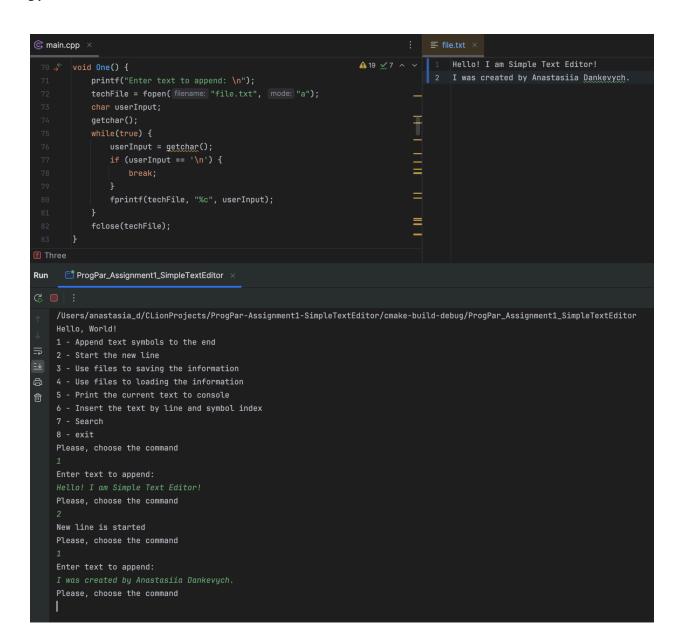
План тестування 1:

- 1 append
- 2 new line
- 3 append
- 4 print
- 5 save
- 6 load
- 7 print
- 8 save

1. Згори ліворуч ви можете побачити функцію One, яка відповідає за реалізацію команди 1. Праворуч - "технічний" файл, про який користувачу не повідомляється.



```
© main.cpp ×
                                                                        Hello! I am Simple Text Editor!
 85 ★ void Two() {
                                                                         fclose(techFile);
ff One
Run ProgPar_Assignment1_SimpleTextEditor ×
    /Users/anastasia_d/CLionProjects/ProgPar-Assignment1-SimpleTextEditor/cmake-build-debug/ProgPar_Assignment1_SimpleTextEditor
    Hello, World!
1 - Append text symbols to the end
2 - Start the new line
🖨 4 - Use files to loading the information
    7 - Search
    Please, choose the command
    Enter text to append:
    Please, choose the command
    New line is started
    Please, choose the command
```



```
© main.cpp ×
techFile = fopen( filename: "file.txt", mode: "r");
            printf("\n");
            fclose(techFile);
\textbf{Run} \qquad \begin{tabular}{ll} \hline \blacksquare & ProgPar\_Assignment1\_SimpleTextEditor & \times \\ \hline \end{tabular}
/Users/anastasia_d/CLionProjects/ProgPar-Assignment1-SimpleTextEditor/cmake-build-debug/ProgPar_Assignment1_SimpleTextEditor
    Hello, World!
    1 - Append text symbols to the end
⊋ 2 - Start the new line
= 3 - Use files to saving the information
□ 4 - Use files to loading the information
    6 - Insert the text by line and symbol index
     7 - Search
     Please, choose the command
     Enter text to append:
     Hello! I am Simple Text Editor!
     Please, choose the command
     New line is started
     Please, choose the command
     Enter text to append:
     Please, choose the command
     Hello! I am Simple Text Editor!
     I was created by Anastasiia Dankevych.
     Please, choose the command
```

```
© main.cpp ×
                                                                           ⚠ 19 × 7 ^ ∨ 1 Hello! I am Simple Text Editor!
                                                                                              I was created by Anastasiia Dankevych.
          printf("Enter the file name for saving (not more 20 symbols): \n");
           scanf("%20s", filePath);
           techFile = fopen( filename: "file.txt", mode: "r");
           char symbol;
           while (true) {
               if (symbol == EOF) {
              fputc(symbol, savingFile);
           fclose(savingFile);
           fclose(techFile);
\textbf{Run} \qquad \boxed{ } \textbf{ProgPar\_Assignment1\_SimpleTextEditor} \  \  \times \\
    Please, choose the command
    New line is started
Please, choose the command
☐ Enter text to append:
    Hello! I am Simple Text Editor!
    I was created by Anastasiia Dankevych.
    Please, choose the command
```

```
© main.cpp × ≡ MyFileForSaving.txt

    ■ MyFileLoading.txt ×
114 → void Four() {
                                                              ▲ 19 火 7 ∧ ∨
                                                                                  Some text some text
            printf("Enter the file name for loading: \n");
                                                                                  Text some text some text
            char filePath[21];
                                                                                  Some text some text
            scanf("%20s", filePath);
                                                                                  Text some text some text
            techFile = fopen( filename: "file.txt",  mode: "a");
            loadingFile = fopen( filename: filePath,  mode: "r");
            char symbol;
            while (true) {
                symbol = fgetc(loadingFile);
                if (symbol == EOF) {
                    break;
                fputc(symbol, techFile);
            fclose(loadingFile);
            fclose(techFile);
      ProgPar_Assignment1_SimpleTextEditor ×
Run
    Hello! I am Simple Text Editor!
    Please, choose the command
New line is started
\rightarrow Please, choose the command
Enter text to append:
     I was created by Anastasiia Dankevych.
     Please, choose the command
     Hello! I am Simple Text Editor!
     I was created by Anastasiia Dankevych.
     Please, choose the command
     Enter the file name for saving (not more 20 symbols):
     MyFileForSaving.txt
     Please, choose the command
     Enter the file name for loading:
     MyFileLoading.txt
     Please, choose the command
```

```
    ■ MyFileLoading.txt ×
© main.cpp × ≡ MyFileForSaving.txt
114 

✓ void Four() {
                                                                              Some text some text
                                                           ▲ 19 火 7 ∧ ∨
           printf("Enter the file name for loading: \n");
                                                                              Text some text some text
           char filePath[21];
                                                                              Some text some text
           scanf("%20s", filePath);
                                                                              Text some text some text
           loadingFile = fopen( filename: filePath,  mode: "r");
           char symbol;
               symbol = fgetc(loadingFile);
               if (symbol == EOF) {
                   break;
               fputc(symbol, techFile);
           fclose(loadingFile);
           fclose(techFile);
      ProgPar_Assignment1_SimpleTextEditor ×
Run
    Enter text to append:
    I was created by Anastasiia Dankevych.
    Please, choose the command
<u>-</u> Hello! I am Simple Text Editor!
🔒 🏻 I was created by Anastasiia Dankevych.
    Please, choose the command
⑪
    Enter the file name for saving (not more 20 symbols):
    MyFileForSaving.txt
    Please, choose the command
    Enter the file name for loading:
    MyFileLoading.txt
    Please, choose the command
    Some text some text
    Text some text some text
    Some text some text
    Text some text some text
    Please, choose the command
```

```
© main.cpp ×

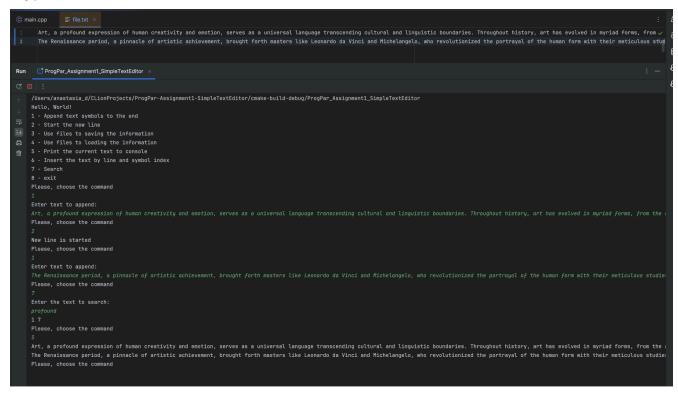
    ■ MySecondSave.txt ×
114 → void Four() {
                                                           △ 19 ★ 7 ^ ∨
                                                                                Some text some text
            printf("Enter the file name for loading: \n");
                                                                                Text some text some text
            char filePath[21];
                                                                                Some text some text
            scanf("%20s", filePath);
                                                                                Text some text some text
            loadingFile = fopen( filename: filePath,  mode: "r");
           char symbol;
           while (true) {
               symbol = fgetc(loadingFile);
               if (symbol == EOF) {
               fputc(symbol, techFile);
            fclose(loadingFile);
            fclose(techFile);
Run
      ProgPar_Assignment1_SimpleTextEditor ×
    Hello! I am Simple Text Editor!
    I was created by Anastasiia Dankevych.
    Please, choose the command
= Enter the file name for saving (not more 20 symbols):
    MyFileForSaving.txt
Please, choose the command
    Enter the file name for loading:
    MyFileLoading.txt
    Please, choose the command
    Some text some text
    Text some text some text
    Some text some text
    Text some text some text
    Please, choose the command
    Enter the file name for saving (not more 20 symbols):
    Please, choose the command
```

## **Тест 2**

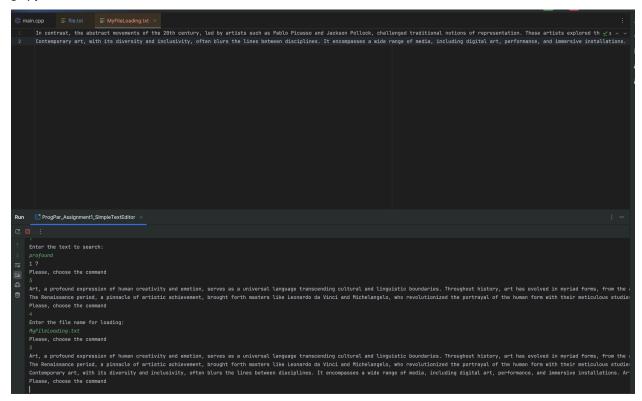
## План тестування 2:

- 1 append
- 2 new line
- 3 append
- 4 search
- 5 print
- 6 load
- 7 print
- 8 insert
- 9 print
- 10 save

#### 1-5.



#### 6-7.



#### 7-9.

```
Please, choose the command

Art, a profound expression of human creativity and emotion, serves as a universal language transcending cultural and linguistic boundaries. Throughout history, art has evolved in myriad forms, from the 1 The Remaissance period, a pinnacle of artistic achievement, brought forth masters like Leonardo da Vinci and Michelangelo, who revolutionized the portrayal of the human form with their meticulous studies. Contemporary art, with its diversity and inclusivity, often blurs the lines between disciplines. It encompasses a wide range of media, including digital art, performance, and immersive installations. Are Please, choose the command

Choose line and index to insert text:

I S

Enter the text to insert:

HELLO

Please, choose the command

Art, a profound expression of human creativity and emotion, serves as a universal language transcending cultural and linguistic boundaries. Throughout history, art has evolved in myriad forms, from the information of the command of the
```

