

SPL Assignment :- 3 About How can I Write in a Text File with User input Features Support Using C Programming Code

This Assignment

Create By

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Roll : **023**

The image shows a Visual Studio Code editor with a C program named `main2.c` and a terminal window showing the execution of the program. The code prompts the user for their name, age, father's name, mother's name, and GPA, and then writes this information to a file named `StdRec.txt`. The terminal output shows the user's input and the successful completion of the file writing process.

```
F:\> c++ > C main2.c > main()
1  #include<stdio.h>
2  #include<stdlib.h>
3
4  int main()
5  {
6      FILE *file;
7      char name[100];
8      char father_name[100] ;
9      char mother_name[100];
10     char age[100] ;
11     char gpa[100];
12     file = fopen("F:/c++/StdRec.txt","w");
13     printf("[+]Your Name is ==>");
14     gets(name);
15     printf("[+]Your age ==>");
16     gets(age);
17     printf("[+]Your Father name ==>");
18     gets(father_name);
19     printf("[+]Your Mother Name==>");
20     gets(mother_name);
21     printf("[+]Your GPA==>");
22     gets(gpa);
23     char margine[200]="-----About My Self-----";
24     fprintf(file, "%s\n",margine);
25     fprintf(file,"Name :\\t%s\\nAge:\\t %s\\nFatherName:\\t%s\\nMother Name:\\t%s\\nYour GPA is:\\t%s\\n",name,age,father_name,mother_name,gpa);
26     printf("\\n\\nFiles Written is Success!!!!!!!!!!");
27     system("explorer StdRec.txt");
28     fclose(file);
29
30 }
```

Administrator: Terminal

```
"Rafsan@Coder">g++ -o file_test.exe main2.c
"Rafsan@Coder">ls
StdRec.txt      a.exe          file_test.exe  main.c         veracity_sark
a.exe           close2         hello.txt      main2.c
"Rafsan@Coder">file_test.exe
[+]Your Name is ==>Rafsan Jani
[+]Your age ==>23
[+]Your Father name ==>Al Mamun Shikder
[+]Your Mother Name==>Salma Akter
[+]Your GPA==>3.36
Files Written is Success!!!!!!!!!!
"Rafsan@Coder">
```

StdRec.txt - Notepad

```
File Edit Format View Help
|-----About My Self-----
Name : Rafsan Jani
Age: 23
FatherName: Al Mamun Shikder
Mother Name: Salma Akter
Your GPA is: 3.36
```

