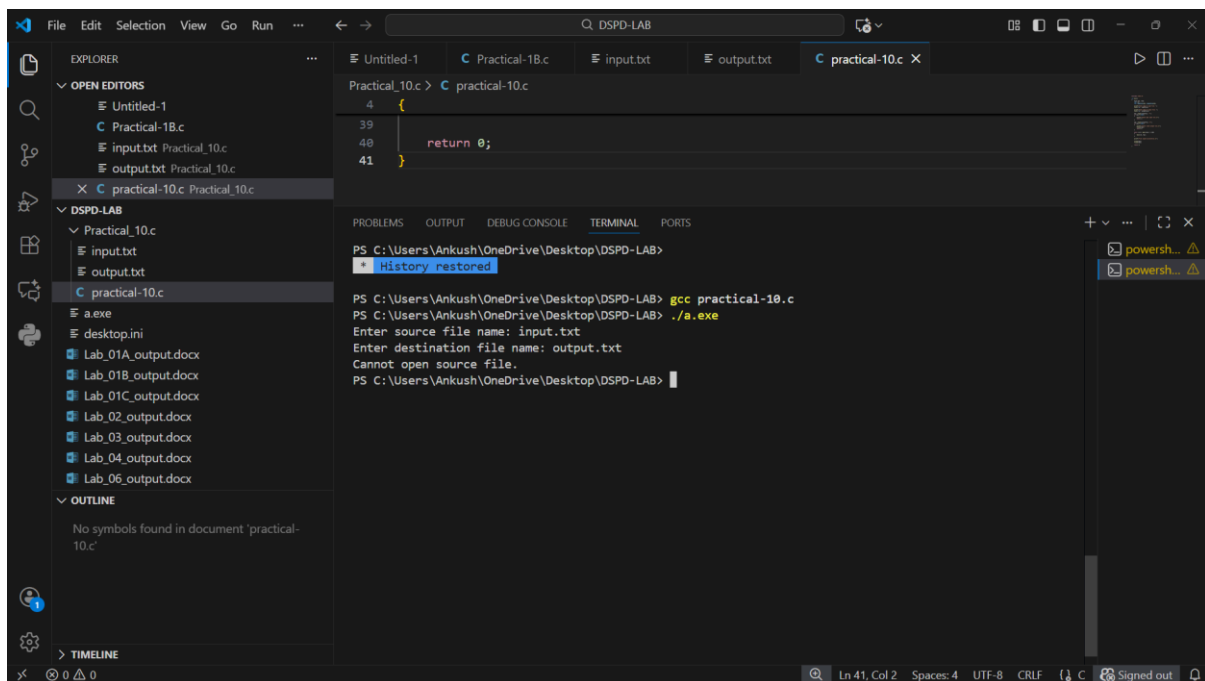


DATA STRUCTURE AND PROGRAM DESIGN LAB – 10

Write a C program (name it "filecopy. c") that copies the contents of one file to a destination file. This program will read data from one file and copy them to another. The first input that the program will need is the names of the two files: input file ("input.txt") and output file ("output.txt"). Once the two file names have been obtained, the program must open the input file and create and open the output file.

SAMPLE OUTPUT:



The screenshot shows the Visual Studio Code editor with the following components:

- EXPLORER:** Shows the project structure with files like 'input.txt', 'output.txt', and 'practical-10.c'.
- EDITOR:** Displays the C program 'practical-10.c' with the following code:

```
4 {  
39  
40     return 0;  
41 }
```
- TERMINAL:** Shows the execution of the program. The commands entered are:

```
PS C:\Users\Ankush\OneDrive\Desktop\DSPD-LAB>  
PS C:\Users\Ankush\OneDrive\Desktop\DSPD-LAB> gcc practical-10.c  
PS C:\Users\Ankush\OneDrive\Desktop\DSPD-LAB> ./a.exe  
Enter source file name: input.txt  
Enter destination file name: output.txt  
Cannot open source file.  
PS C:\Users\Ankush\OneDrive\Desktop\DSPD-LAB>
```