

TASK 8

Write a C program to perform the following file operations:
Open an existing file named "data.txt." If it doesn't exist, the program should create it.
Write the string "Hello, File Handling in C!" to the file.
Move the file pointer to the beginning of the file and read the contents back.
Print the contents read from the file to the console.
Close the file.

CODE

```
#include <stdio.h>

#include <stdlib.h>

int main() {

    FILE *fp;

    char buffer[100];

    // Open the file in write+read mode. Create if it doesn't exist.

    fp = fopen("data.txt", "w+");

    if (fp == NULL) {

        perror("Error opening file");

        return 1;

    }

    // Write to the file

    fputs("Hello, File Handling in C!", fp);
```

```
// Move file pointer to the beginning  
  
rewind(fp);  
  
// Read contents back  
  
fgets(buffer, sizeof(buffer), fp);  
  
// Print to console  
  
printf("File Content: %s\n", buffer);  
  
// Close the file  
  
fclose(fp);  
  
return 0;  
}
```



file_handling.c

DATA

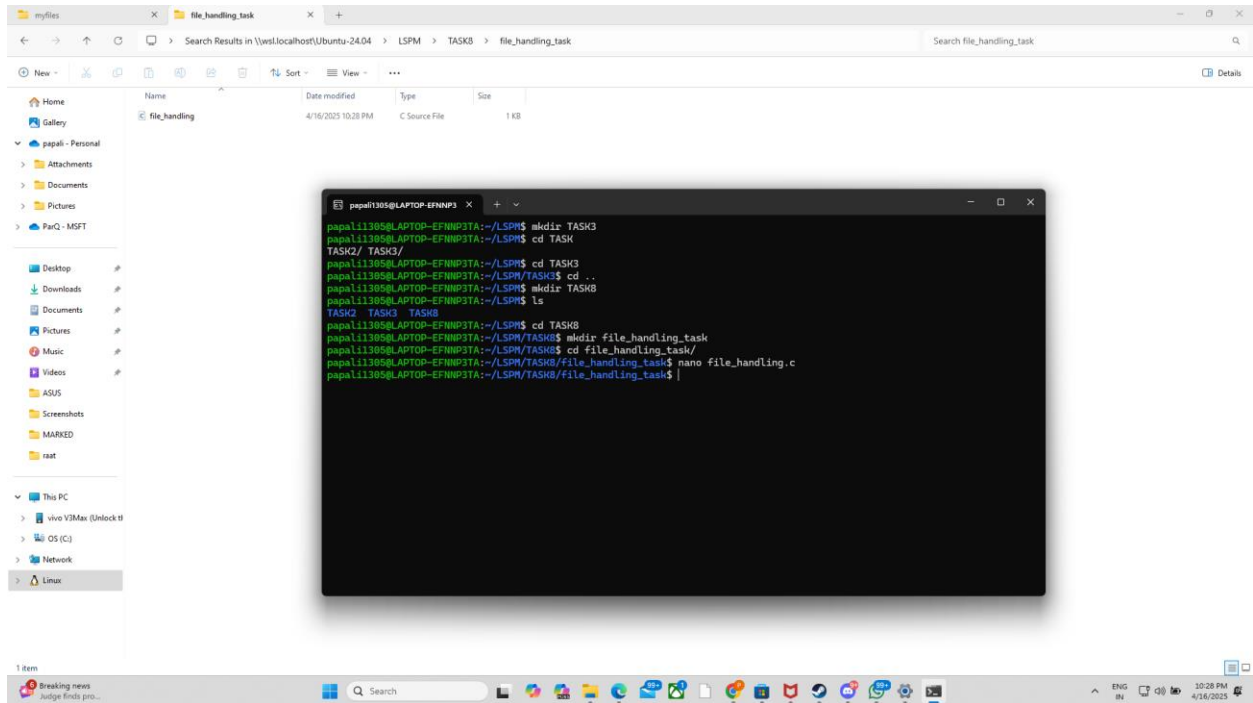
Hello, File Handling in C!



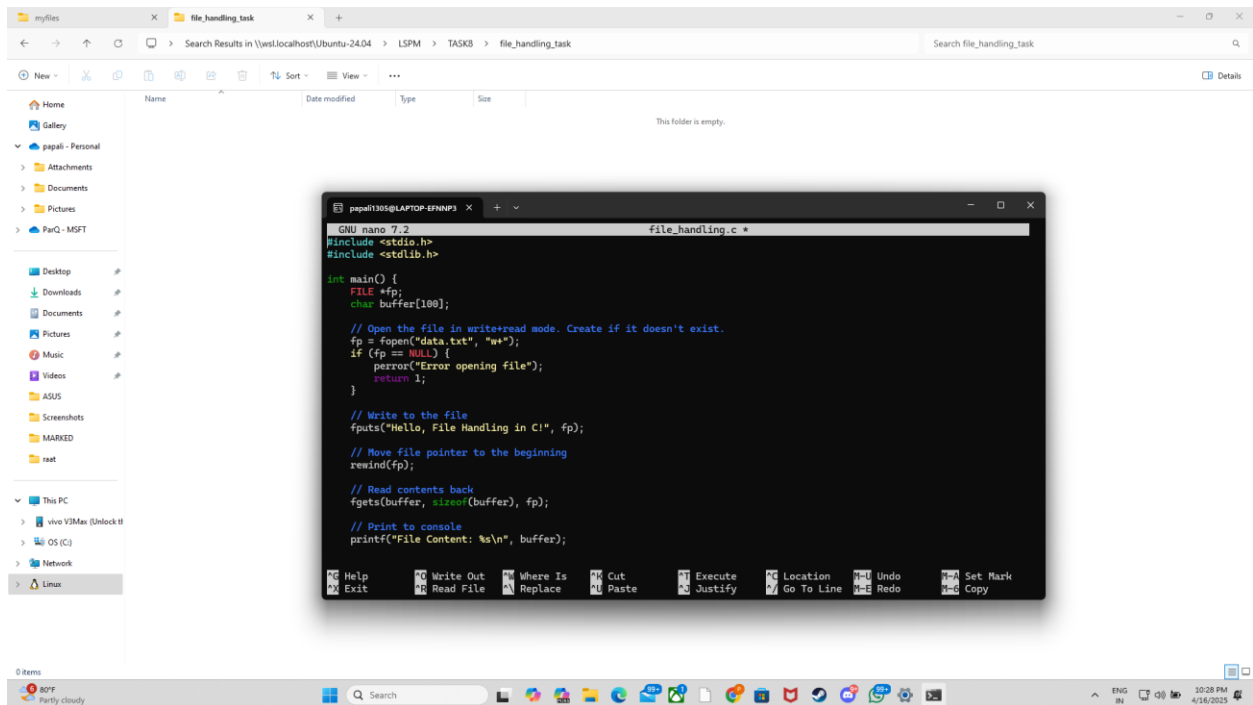
data.txt

OUTPUT & SCREENSHOTS---

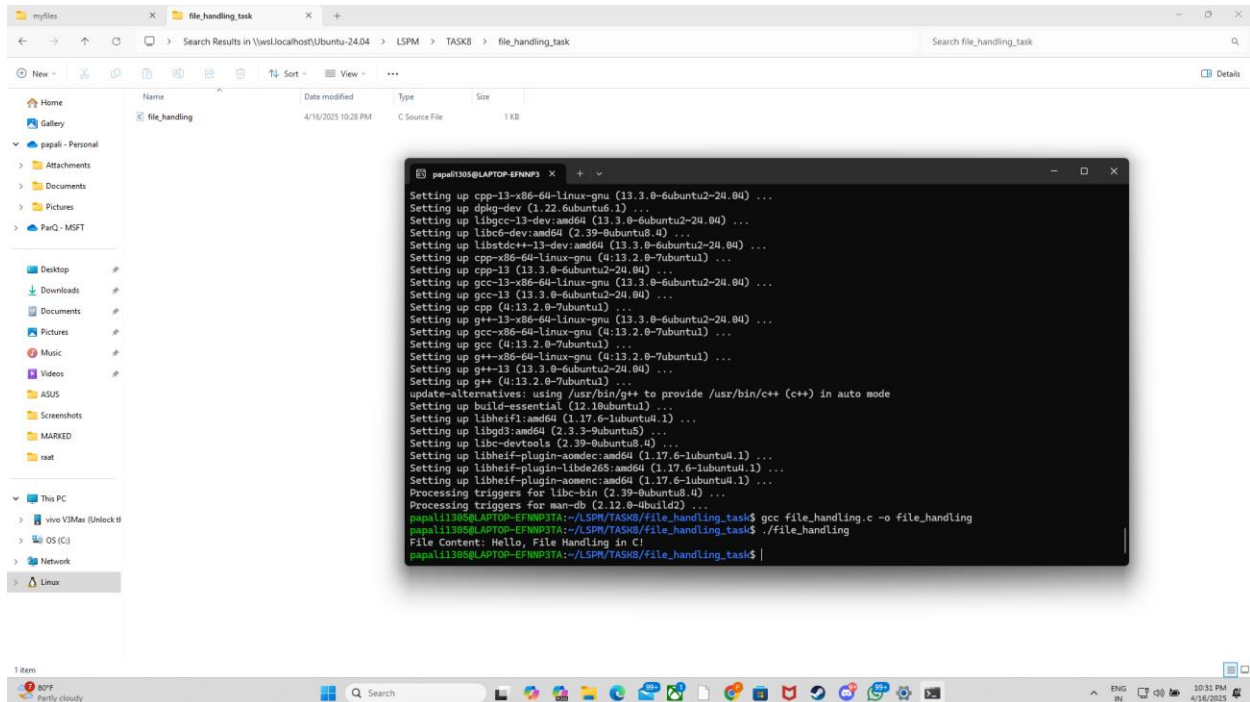
01).



02).



03).



04).

