

FILE HANDLING IN C

CREATING A FILE :

```
#include<stdio.h>
int main(){

    FILE *f1;

    f1 = fopen("raj.txt", "w");

    if(f1 == NULL){
        printf("Not found !");
        return 0;
    }

    return 0;
}
```

WRITING A FILE :

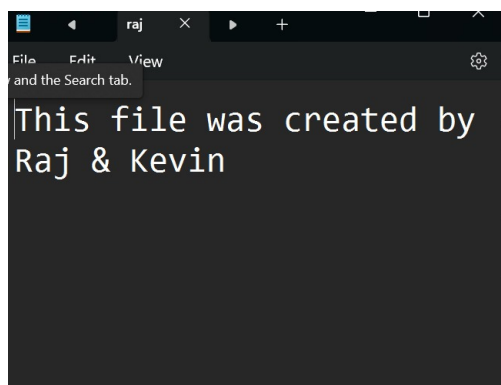
```
#include<stdio.h>
int main(){

    FILE *f1;
    f1 = fopen("raj.txt", "w");

    if(f1 == NULL){
        printf("Not found !");
        return 0;
    }

    fputs("This file was created by Raj & Kevin",f1);

    return 0;
}
```



READING DATA FROM A FILE :

```
#include <stdio.h>

int main() {
    FILE *f1;

    f1 = fopen("raj.txt", "w");

    if (f1 == NULL) {
        printf("Not found !");
        return 0;
    }

    fputs("This file was created by raj and kevin", f1);
    fclose(f1);

    f1 = fopen("raj.txt", "r");

    if (f1 == NULL) {
        printf("Error opening file for reading!");
        return 0;
    }

    char name[100];

    if (fgets(name, sizeof(name), f1) != NULL) {
        printf("Read from file: %s", name);
    } else {
        printf("Error reading from file.\n");
    }

    fclose(f1);
    return 0;
}
```

READING MULTIPLE LINES FROM A FILE :

```
#include <stdio.h>

int main() {
    FILE *f1;

    f1 = fopen("raj.txt", "w");

    if (f1 == NULL) {
        printf("Not found !");
        return 0;
    }
}
```

```

}

fputs("This file was created by raj and kevin\nKevin is asking, Why dharshana is mad
on me ?\nBut she is not responding to his question", f1);
fclose(f1);

f1 = fopen("raj.txt", "r");

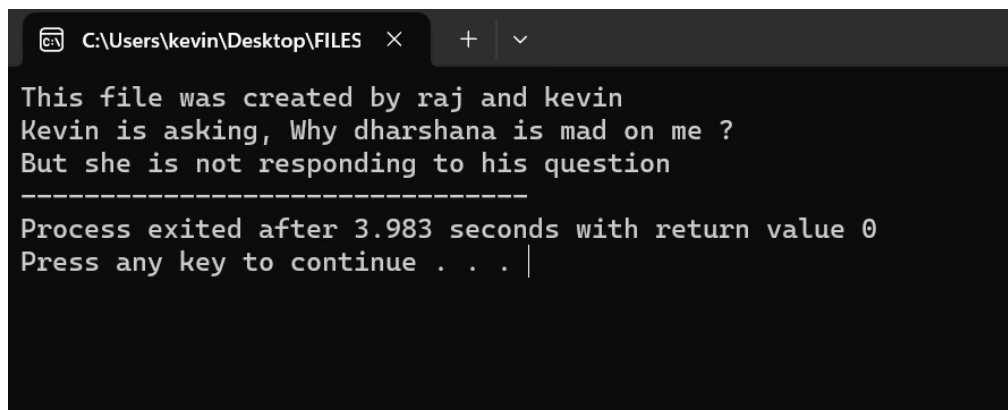
if (f1 == NULL) {
    printf("Error opening file for reading!");
    return 0;
}

char name[100];

while (fgets(name, sizeof(name), f1) != NULL) {
    printf("%s", name);
}

fclose(f1);
return 0;
}

```



```

C:\Users\kevin\Desktop\FILES × + ▾
This file was created by raj and kevin
Kevin is asking, Why dharshana is mad on me ?
But she is not responding to his question
-----
Process exited after 3.983 seconds with return value 0
Press any key to continue . . . |

```

APPENDING DATA INTO FILE

```

#include <stdio.h>

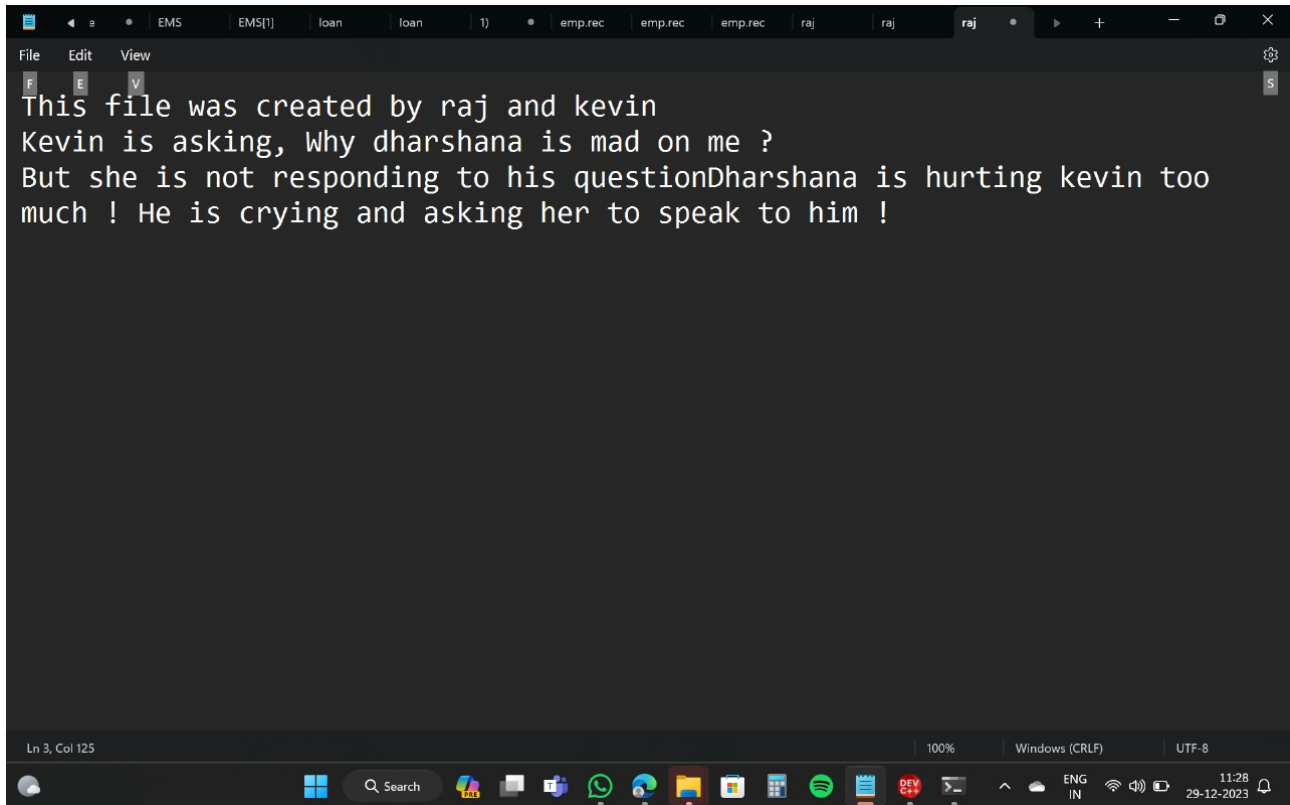
int main() {
    FILE *f1;

    f1 = fopen("raj.txt", "a");

    if (f1 == NULL) {
        printf("Error opening file for appending!");
        return 0;
    }
}

```

```
fputs("Dharshana is hurting kevin too much ! He is crying and asking her to speak  
to him !",f1);  
  
fclose(f1);  
  
return 0;  
}
```



The screenshot shows a Windows Notepad++ editor window with a dark theme. The title bar at the top displays several open files: EMS, EMS[1], loan, loan, 1), emp.rec, emp.rec, emp.rec, raj, raj, and raj. The menu bar includes File, Edit, and View. The text area contains the following text:
This file was created by raj and kevin
Kevin is asking, Why dharshana is mad on me ?
But she is not responding to his questionDharshana is hurting kevin too
much ! He is crying and asking her to speak to him !
The status bar at the bottom indicates the cursor is at Line 3, Column 125. It also shows 100% zoom, Windows (CRLF) line endings, and UTF-8 encoding. The Windows taskbar is visible at the very bottom, showing the Start button, a search bar, and various application icons including File Explorer, Microsoft Edge, and several utility programs. The system clock in the bottom right corner shows the time as 11:28 on 29-12-2023.