

File Handling

Q1. Describe the header file and its usage in C programming?

Ans1: The file containing the definitions and prototypes of the functions being used in the program are called a header file. It is also known as a library file.

Example: The header file contains commands like printf and scanf is from the stdio.h library file.

Q 2. What are the major file operations perform c programming language?

Ans2: Following are some major file operations perform in c.

- ✚ open()- Opening an existing file
- ✚ fprintf - Writing a set of characters into a file.
- ✚ fscanf -Reading set of character from file.
- ✚ fputs()- writing single line into files.
- ✚ fgets()- reading single line into file.
- ✚ fseek- Moving to a specific location in a file.
- ✚ rewind()- sets the file pointer at the beginning of the stream.
- ✚ fclose()- Closing a file.

Q3- write a program to read from file in c.

Ans3-

```
#include <stdio.h>

#include <stdlib.h>

int main()
{
    int a;

    FILE *fptr;

    if ((fptr = fopen("C:\\\\programfile.txt", "r")) == NULL)
```

```
{  
    printf("Error! opening file");  
    exit(1);  
}
```

```
fscanf(fptr,"%d", &a);  
printf("Value of a=%d", a);  
fclose(fptr);  
return 0;  
}
```