

C Programming

Unit VI

Lecture 12

06/04/2020

File Handling is In C programming,

we may require some

specific input data to be generated

several numbers of times. Sometimes, it

is not enough to only display the data

on the console. The data to be displayed

may be very large, and only a limited

amount of data can be displayed on

the console and since the memory is

volatile, it is impossible to recover the

programmatically generated data again and

again.

file handling in C enables us to create,

2020 update, read, and delete the files

stored on the local file system through our C program.

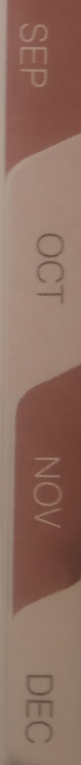
The following operation can be performed on a file:

- * Creation of a new file
- * opening an existing file
- * Reading from the file
- * writing to the file
- * Deleting the file

Functions in file Handling :-

There are many functions in C library to open, read, write, search and close the file.

A list of functions are given in the next page.



<u>S.N</u>	<u>function</u>	<u>Description</u>
1.	fopen ()	opens new or existing file
2.	fprintf ()	write data into file.
3.	fscanf ()	reads data from a file.
4.	fputc ()	writes a character into the file.
5.	fgetc ()	reads a character from the file.
6.	fclose ()	close the file
7.	fseek ()	sets the file pointer to given position.
8.	fputw ()	writes an integer to file
9.	fgetw ()	reads an integer from file
10.	ftell ()	returns current position
11.	rewind ()	set the pointer to beginning of the file.