

# C Programming

Lecture No. 14

08/04/2020

fputc()  $\Rightarrow$  fputc() function is a file handling function which is used to write a character into a file. It write single character at a time in a file.

Syntax  $\rightarrow$

```
fputc (int char, FILE *fp);  
or  
fputc (ch, fp);
```

ch = character value

fp = file pointer

feof()  $\rightarrow$  feof() function is a file handling function in C which is used to find the end of a file.

Syntax  $\rightarrow$  feof (FILE \*fp)

9 fprintf()  $\Rightarrow$  fprintf() function is used  
10 to write formatted data into

11 a file. In a C program we use

12 fprintf() as below:

ex - fprintf(fp, "%s %d", a1, a2);

2 a1 & a2 are the variables

4 fscanf()  $\Rightarrow$  fscanf() function is used  
5 to read formatted data from a file

6 we use like this:

7 ex - fscanf(fp, "%d", &a1);

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file pointer

variable

fseek() → fseek function is file handling function in C programming language. It has following constants.

SEEK\_SET → It moves file pointer position to the beginning of the file.

SEEK\_CUR → It moves file pointer position to given location

SEEK\_END → It moves file pointer position to the end of file.

Syntax →  $fseek(FILE *fp, long int offset, int whence)$

where, offset = Number of bytes/characters to be offset/moved from ~~the~~ whence / the current file pointer position.  
whence = This is the current file pointer position. from where offset is added.

rewind ()  $\Rightarrow$  rewind () function is used

to move file pointer position to the

~~beginning~~ beginning of the file. In a C

program we use rewind as below

Syntax: `rewind (FILE *fp)`

Programming Example will discuss

tomorrow (09/04/2020).