File Handling In PHP

1. **mkdir**("complete path of newly create directory with its name") :-

This function will create a directory in specified path if directory on this path with same name does not exists.And returns True after creating. If directory with same name exists on the specified path then it will returns False.

2. **fopen**("file name with colplete path.txt" , "file\_mode"):-

File\_mode\_value = a:- r/r+(read/read+write).

b:- w/w+(write/write+read)

c:- a/a+(append mode)

d:= x/x+

This function will create a new file or opens a existing file in specified mode.

3. **fwrite**("file open in write mode" , "file data") :- This function will over write the contents of file. This will erase all data containing by file and overwrite old data with new data.For append data into file open file in append mode. This Function will returns number of characters written in to file successfully. For using this function we have to open file into write or append mode,only then we can use this function.

4. **file\_put\_contents**("complete file name" , "data string") :-this function is used to write string directly into file without using "fopen()" but this will erase all previous content of file.

5. **rename**(old\_file\_name , new\_file\_name) :- This function is used to change the name of file.This function will returns true on success.

6. **copy**("source file name" , "destination file name") :- This function will copy contents of first file into second file.

7. **file**("file\_name") :- This function reads the contents of file as array. And Returns that array on success.

Ex- $file\_arr = file("abc.txt");

$len = count($file\_arr);

for($i=0;$i less than len;$i++)

{

echo $file\_arr[$i];

}

8. **move\_uploaded\_file**($\_FILES[‘upload\_file’][‘tmp\_name’] , "To Destination Folder") :- This function is used in file uploading in php.

9. **filesize**("file name with complete path") : This method returns the size of file in number of bytes.

10.  **READ OPERATION ON FILE**

10.1 **readfile**("file name with full path") :- This method reads the content of file.But this method have many limitation ,this method does not recognize end of file.This function reads contents of file and write data on out put screen.But this method have many limitations.

10.2. **file\_get\_contents**("file name") :- This function will read the entire contents of file as a string. And return the string.

10.3 **fread**("file open in read mode" , filesize("file name with complete path")) :-This function reads a file which is get open by "fopen()" function in read mode. This function has overcome all the limitations of "readfile()" function.

Ex- $file\_read = fopen("abc.txt","r+");

$myfile = fread($file\_read , filesize(abc.txt));

echo $myfile;

fclose($file\_read);

10.4 **fgets**("file open in read mode") :- This function is used to read a file line by line.this function will read a line from file and brings the pointer to next line.

Ex- $file\_read = fopen("abc.txt","r+");

while(!feof($file\_read))

{

echo fgets($file\_read);

}

fclose($file\_read);

10.5 **fgetc**("file open in read mode") :- This function is get used to read a file character wise."fgetc()" function will reads a character from file and moves pointer to next character.

Ex- $file\_read = fopen("abc.txt","r+");

while(!feof($file\_read)){

echo fgetc($file\_read);

}

11. **feof**("file opened by fopen method in read mode"):- This function will returns 1 when end of file occurs during read file operation.

12. **fclose**("file opened by fopen method") :- This function will get used to close the file.

13. **realpath**("absolute path of file") :- This function will give the complete path of file.

14. **file\_exists**("file name with path") :- This will returns true if file already exists in target directory.else returns false.

15. **pathinfo**("file name" , OPTIONAL) :- This will returns an array. Having information about-

a) **dirname.**

b) **basename.**

c) **extension.**

d) **filename .**

Values Of OPTIONS ARE:-

**a)PATHINFO\_DIRNAME**

**b)PATHINFO\_BASENAME**

**c)PATHINFO\_EXTENSION**

**d)PATHINFO\_FILENAME**

16. **basename**("file with complete path") :- This function will returns the file name with extension.

Ex- basename(myfile/abc.txt);

output: abc.txt

17. **is\_file**("file with path") :- This function will returns true if specified name in function parameter is a file, otherwise returns false.

18. **rewind**("file with path") :- This function will returns the pointer at the begining of file.

19. **is\_dir**("path") :- This function checks path is a valid directory or not.

20. **dirname**("path") :- This function will returns directory name from path specified.

21. **is\_executable**() :- This will returns true if file is .exe file.

22. **is\_uploaded\_file**("file name") :This function will specifies whether this file is a uploaded file i.e get uploaded by move\_uploaded\_file() function.