

→↓ Swati Mall →↓

→↓ Computer Science and Engineering →↓

→↓ II Semester →↓

→↓ Commonly Used C File-System Function:

Name	Function
fopen()	Opens a file.
fclose()	Closes a file.
fputc()	Writes a character to a file.
ffputc()	Same as fputc()
fgetc()	Reads a character from a file.
ffgetc()	Same as fgetc()
fgets()	Reads a string from a file.
ffputs()	Writes a string to a file.
fseek()	Seeks to a specified byte in file.
ftell()	Returns the current file position.
fprintf()	As to a file what printf() is to the console.
fscanf()	As to a file what scanf() is to the console.
feof()	Returns true if end-of-file is reached.
ferror()	Returns true if an error has occurred.
rewind()	Resets the file position indicator to the beginning of the file.
remove()	Erases a file.
flush()	Flushes a file.

→ \* WAP to use fopen(), getc(), putc() and fclose().

```
#include <stdio.h>
#include <conio.h>
int main (int argc, char *argv[])
{
    FILE *fp;
    char ch;
    if (argc != 2)
    {
        printf ("You forget to enter the filename.\n");
        exit(1);
    }
    if ((fp = fopen(argv[1], "w")) == NULL)
    {
        printf ("Cannot open file.\n");
        exit(1);
    }
    do
    {
        ch = getchar();
        putc(ch, fp);
    }
    while (ch != '$');
    fclose(fp);
    return 0;
}
```

→ \* WAP to working with strings: fputs() and fgets.

```
#include <stdio.h>
#include <stdlib.h>
#include <string.h>
int main(void)
{
    char str[80];
    FILE *fp;
    if ((fp = fopen("TEST", "w")) == NULL)
    {
        printf("cannot open file.\n");
        exit(1);
    }
    do
    {
        printf("Enter a string:\n");
        gets(str);
        strcat(str, "\n");
        fputs(str, fp);
    }
    while (*str != '\n');
    return 0;
}
```