

C LIBRARY FUNCTION - TMPFILE

http://www.tutorialspoint.com/c_standard_library/c_function_tmpfile.htm

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Description

The C library function **FILE *tmpfile(void)** creates a temporary file in binary update mode *wb+*. The temporary file created is automatically deleted when the stream is closed *fclose* or when the program terminates.

Declaration

Following is the declaration for tmpfile function.

```
FILE *tmpfile(void)
```

Parameters

- NA

Return Value

If successful, the function returns a stream pointer to the temporary file created. If the file cannot be created, then NULL is returned.

Example

The following example shows the usage of tmpfile function.

```
#include <stdio.h>

int main ()
{
    FILE *fp;

    fp = tmpfile();
    printf("Temporary file created\n");

    /* you can use tmp file here */

    fclose(fp);

    return(0);
}
```

Let us compile and run the above program to create a temporary file in /tmp folder but once your program is out, it will be deleted automatically and the program will produce the following result –

```
Temporary file created
```

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