

C LIBRARY FUNCTION - PERROR

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

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Description

The C library function **void perror***constchar * str* prints a descriptive error message to stderr. First the string **str** is printed, followed by a colon then a space.

Declaration

Following is the declaration for perror function.

```
void perror(const char *str)
```

Parameters

- **str** -- This is the C string containing a custom message to be printed before the error message itself.

Return Value

This function does not return any value.

Example

The following example shows the usage of perror function.

```
#include <stdio.h>

int main ()
{
    FILE *fp;

    /* first rename if there is any file */
    rename("file.txt", "newfile.txt");

    /* now let's try to open same file */
    fp = fopen("file.txt", "r");
    if( fp == NULL )
    {
        perror("Error: ");
        return(-1);
    }
    fclose(fp);

    return(0);
}
```

Let us compile and run the above program that will produce the following result because we are trying to open a file which does not exist:

```
Error: : No such file or directory
Loading [Mathjax]/jax/output/HTML-CSS/jax.js
```