Library Functions in Different Header Files

#include<stdio.h>

A header file is a file with extension **.h** which contains C function declarations and macro definitions to be shared between several source files. There are two types of header files: the files that the programmer writes and the files that comes with your compiler.

You request to use a header file in your program by including it with the C pre-processing directive **#include**, like you have seen inclusion of **stdio.h** header file, which comes along with your compiler.

Including a header file is equal to copying the content of the header file but we do not do it because it will be error-prone and it is not a good idea to copy the content of a header file in the source files, especially if we have multiple source files in a program.

C Header Files	Description
<assert.h>	*Program assertion functions*
<ctype.h>	*Character type functions*
<locale.h>	*Localization functions*
<math.h>	*Mathematics functions*
<setjmp.h>	*Jump functions*
<signal.h>	*Signal handling functions*
<stdarg.h>	*Variable arguments handling functions*
<stdio.h>	*Standard Input/output functions*
<stdlib.h>	*Standard Utility functions*
<string.h>	*String handling functions*
<time.h>	*Date time functions*
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