C LIBRARY - <ASSERT.H>

The **assert.h** header file of the C Standard Library provides a macro called **assert** which can be used to verify assumptions made by the program and print a diagnostic message if this assumption is false.

The defined macro **assert** refers to another macro **NDEBUG** which is not a part of <assert.h>. If NDEBUG is defined as a macro name in the source file, at the point where <assert.h> is included, the **assert** macro is defined as follows −

```
#define assert(ignore) ((void)0)
```

Library Macros

Following is the only function defined in the header assert.h −

S.N.	Function & Description
1	[void assert*intexpression*](void assert) This is actually a macro and not a function, which can be used to add diagnostics in your C program.

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