

# C LIBRARY FUNCTION - GETCHAR

[http://www.tutorialspoint.com/c\\_standard\\_library/c\\_function\\_getchar.htm](http://www.tutorialspoint.com/c_standard_library/c_function_getchar.htm)

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## Description

The C library function **int getchar(void)** gets a character *an unsigned char* from stdin. This is equivalent to **getc** with stdin as its argument.

## Declaration

Following is the declaration for getchar function.

```
int getchar(void)
```

## Parameters

- NA

## Return Value

This function returns the character read as an unsigned char cast to an int or EOF on end of file or error.

## Example

The following example shows the usage of getchar function.

```
#include <stdio.h>

int main ()
{
    char c;

    printf("Enter character: ");
    c = getchar();

    printf("Character entered: ");
    putchar(c);

    return(0);
}
```

Let us compile and run the above program that will produce the following result:

```
Enter character: a
Character entered: a
```

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