

C LIBRARY FUNCTION - ABS

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

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Description

The C library function **int abs***int*x returns the absolute value of **int x**.

Declaration

Following is the declaration for abs function.

```
int abs(int x)
```

Parameters

- **x** -- This is the integral value.

Return Value

This function returns the absolute value of x.

Example

The following example shows the usage of abs function.

```
#include <stdio.h>
#include <stdlib.h>

int main ()
{
    int a, b;

    a = abs(5);
    printf("value of a = %d\n", a);

    b = abs(-10);
    printf("value of b = %d\n", b);

    return(0);
}
```

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

```
value of a = 5
value of b = 10
```

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