

C LIBRARY FUNCTION - LABS

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

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Description

The C library function **long int labs***longintx* returns the absolute value of **x**.

Declaration

Following is the declaration for labs function.

```
long int labs(long 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 labs function.

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

int main ()
{
    long int a,b;

    a = labs(65987L);
    printf("Value of a = %ld\n", a);

    b = labs(-1005090L);
    printf("Value of b = %ld\n", b);

    return(0);
}
```

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

```
Value of a = 65987
Value of b = 1005090
```

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