

## C library function - abs()

### 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);
}
```

[Live Demo](#)

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

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

