

C LIBRARY FUNCTION - ISUPPER

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

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Description

The C library function **int isupper(int c)** checks whether the passed character is uppercase letter.

Declaration

Following is the declaration for isupper function.

```
int isupper(int c);
```

Parameters

- **c** – This is the character to be checked.

Return Value

This function returns a non-zero value *true* if c is an uppercase alphabetic letter else, zero *false*.

Example

The following example shows the usage of isupper function.

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

int main()
{
    int var1 = 'M';
    int var2 = 'm';
    int var3 = '3';

    if( isupper(var1) )
    {
        printf("var1 = |%c| is uppercase character\n", var1 );
    }
    else
    {
        printf("var1 = |%c| is not uppercase character\n", var1 );
    }

    if( isupper(var2) )
    {
        printf("var2 = |%c| is uppercase character\n", var2 );
    }
    else
    {
        printf("var2 = |%c| is not uppercase character\n", var2 );
    }

    if( isupper(var3) )
    {
        printf("var3 = |%c| is uppercase character\n", var3 );
    }
    else
    {
        printf("var3 = |%c| is not uppercase character\n", var3 );
    }

    return(0);
}
```

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

```
var1 = |M| is uppercase character  
var2 = |m| is not uppercase character  
var3 = |3| is not uppercase character
```

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