

C library function - islower()

Description

The C library function **int islower(int c)** checks whether the passed character is a lowercase letter.

Declaration

Following is the declaration for islower() function.

```
int islower(int c);
```

Parameters

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

Return Value

This function returns a non-zero value(true) if c is a lowercase alphabetic letter else, zero (false).

Example

The following example shows the usage of islower() function.

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

int main () {
    int var1 = 'Q';
    int var2 = 'q';
    int var3 = '3';

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

    if( islower(var2) ) {
        printf("var2 = |%c| is lowercase character\n", var2 );
    } else {
```

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```
    printf("var2 = |%c| is not lowercase character\n", var2 );  
}  
  
if( islower(var3) ) {  
    printf("var3 = |%c| is lowercase character\n", var3 );  
} else {  
    printf("var3 = |%c| is not lowercase character\n", var3 );  
}  
  
return(0);  
}
```

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

```
var1 = |Q| is not lowercase character  
var2 = |q| is lowercase character  
var3 = |3| is not lowercase character
```