

Description

The C library function **int isupper(int c)** check 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 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);
}
```