# C library function - toupper()

## Description

The C library function **int toupper(int c)** converts lowercase letter to uppercase.

## Declaration

Following is the declaration for toupper() function.

```
int toupper(int c);
```

## Parameters

- ▫ **c** − This is the letter to be converted to uppercase.

## Return Value

This function returns uppercase equivalent to c, if such value exists, else c remains unchanged. The value is returned as an **int** value that can be implicitly casted to **char**.

## Example

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

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

int main () {
   int i = 0;
   char c;
   char str[] = "Tutorials Point";

   while(str[i]) {
      putchar (toupper(str[i]));
      i++;
   }

   return(0);
}
```

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

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