

Aim:

Write a C Program to display a real number with 2 decimal places.

Note: Do use printf() with '\n' at the end of printing output.

Sample Input and Output:

Enter a real number : 12.42536
 The number after setting to 2 decimal places : 12.43

Source Code:

realNumber.c

```
//Display a real number with 2 decimal places//
//coded by gowtham//
//Dt : 31/12/2022//
//file name : realnumber.c//
#include<stdio.h>
int main()
{
    float n;
    printf("Enter a real number : ");
    scanf("%f",&n);
    printf("The number after setting to 2 decimal places : %.2f\n",n);
}
```

Execution Results - All test cases have succeeded!

| Test Case - 1 |
|--|
| User Output |
| Enter a real number : 12.42536 |
| The number after setting to 2 decimal places : 12.43 |

| Test Case - 2 |
|---|
| User Output |
| Enter a real number : 9.12478 |
| The number after setting to 2 decimal places : 9.12 |

| Test Case - 3 |
|---|
| User Output |
| Enter a real number : 3.96873 |
| The number after setting to 2 decimal places : 3.97 |

| Test Case - 4 |
|---------------|
| User Output |

| |
|---|
| Enter a real number : 8.90 |
| The number after setting to 2 decimal places : 8.90 |

| |
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| Test Case - 5 |
| User Output |
| Enter a real number : 11.257 |
| The number after setting to 2 decimal places : 11.26 |