| S.No: 1 | Exp. Name: *Write a C program to display the Real number with 2 decimal places* | Date:2022-12-31 |
|---------|---------------------------------------------------------------------------------|-----------------|

## 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**

```c
// c program to display real numbers with 2 decimal places
// written by naveena
// taught by faculty
// date:-31/12/2022
//filename:- decimal.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 |

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