viope

Metropolia UAS
SMART DEVICES TX00DK02-3003 BACK TO DASHBOARD

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patricsu

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Chapter 3

- 📖 Theory (10)
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Numbers and processing them

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Please use this option only if you find any issues or mistakes in the content. If you have any queries or questions regarding the subject matter, then please use
"Ask a tutor"

You have completed this exercise

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- (1) Numbers and processing them done
- (2) Processing and printing values received as input done

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Write a program that first asks the user for an integer and after that, a floating-point number. Finally, the program prints both numbers on the screen. The floating-point number shall be printed with two decimal places of precision.

Example output:

```
Enter an integer: 14
Enter a decimal number:3.123

You entered the integer: 14
You entered the decimal number, rounded to two decimal places: 3.12
```

The verification of program output does not account for whitespace characters like "\n", "\t" and " "

- **program.c**

```c
#include <stdio.h>

int main()
{
    int first;
    float second;

    printf("Enter an integer: ");
    scanf("%d", &first);

    printf("Enter a decimal number: ");
    scanf("%f", &second);

    printf("You entered the integer: %d\n", first);
    printf("You entered the decimal number, rounded to two decimal places: %.2f\n", second);

    return 0;
}
```

Position: Ln 1 Ch 1   Full screen (Esc to exit)

Reset

Save   Run

Open Theory Shortcut