viope

Metropolia UAS
SMART DEVICES TX00DK02-3003 BACK TO DASHBOARD

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Chapter 4

- 📖 Theory (11)
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Course

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Checking if a number is even

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

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- (1) Calculations done
- (2) Checking if a number is even done

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Write a program that prompts the user for an integer and checks whether it is even or odd. If the number is even, print the value 0, and if it is odd, print the value 1.

Hint:
A number is even if the remainder from division by two is zero.

Example output:

```
Enter an integer: 83
The number is 1
```

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;
    int value;

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

    value = (first % 2 != 0);

    printf("The number is %d\n", value);

    return 0;
}
```

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

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Open Theory Shortcut