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Warm-up Exercises

1. Write a program that performs the following steps:
2. Ask user to enter any number between 1 and 100
3. Multiply the number user enters by 2
4. Display the result of the calculation at the screen

Here is a sample of a program output that performs these steps:

Hello user!

Please enter a number between 1 and 100: 32

32 multiplied by 2 is 64!

Run your program a few times and use different numbers in range 1-100 to verify the program works as intended (running program 3 - 5 times is sufficient).

1. Prompt the user to enter their favorite food and store the input value in a variable.
2. Prompt the user to enter 3 numbers, and then return their average.
3. Prompt the user to enter a positive number, and then output all the odd numbers between 0 and that number.
4. Write a series of statements that:
 - a) Declare an int variable named userAge,
 - b) Display on the screen a message asking the user to enter his or her age,
 - c) Read the value entered by the user and store it in the userAge variable. You can add statement(s) performing intermediate steps if you want.

Questions

1. Method ReadLine() reads a whole line and interprets its content as of integer (int) type.
 Yes

No

1. A _____ can be used in repetition structures to indicate the end of data entry.

Property

Using directive

Sentinel value

None of the above.

1. In C#, what is the "escape character"? Why is it useful?

2. In C#, what is the name of the method used to read input from the user?

Problems