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* At line 10, change the word **string** to **int**. Run the program again.
  + Describe what happened, explain the reason.
    - There was an error because of the type mismatch. **Console.ReadLine( )** returns a string but the variable was declared as an **integer**.

* Keep the change made at 2). Change, at line 16,

**name = Console.ReadLine( );**

to

**name = int.Parse( Console.ReadLine() );**

* Run the program and enter your name. Describe what happened and explain the reason
  + There was an error because we declared **name** as an **integer,** but the user input was a string. The compiler has not allocated memory for a string.

* Run the program again and enter a number. Describe what happened and explain the reason
  + There was no error because the user input is an integer.

* Google the phrases "C# compiling error" and "C# runtime error"
  + What are the differences between these two types of error?
    - **Compiling errors** occur during the interpretation phase or when the code doesn't get compiled (when we execute codes that contain typos, type mismatches, misspellings, etc)
    - **Runtime errors** occur during the execution of the program. Common errors that produce runtime errors are: division by zero, invalid type casting, file not found.
  + When did you encounter C# compiling error?
    - It occurred when the **semicolon was removed** and when **string was switched to int**.
  + When did you encounter C# runtime error?
    - It occurred when **name was declared as an integer** and user input was not an integer.