Activity 7

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CST-150

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Activity 7 GitHub source code link:

<https://github.com/rcoon1/CST-150/tree/main/Activities/Activity%207>

The value for pi can be approximated with the following sequence:

4 – 4/3 + 4/5 – 4/7 + 4/9 - …

Refer to the “Activity 7 Example” and page 290 in Starting Out with Visual C#. Write a Windows Forms Application that prompts the user for a number of terms and CALCULATES the value of the sequence for the specified number of terms; include a screenshot of your program running with successful output. (YOU MUST USE A FOR LOOP TO DO THIS.) Do not round your result.

Screenshots:

Initial Form Design:

Graphical user interface, application

Description automatically generated

Form running:

Graphical user interface, application

Description automatically generated

Test input:

Graphical user interface, application

Description automatically generated

Second test:

Graphical user interface, application

Description automatically generated

Test input error:

Graphical user interface, application

Description automatically generated

This one was one of the more difficult ones to figure out. I got it working for the most part, but it looks like I have 2 extra numbers on the output. After trying to fix it for a couple of hours, I cannot figure it out.