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CST-150 Programing in C# 1

Week 5 / Activity 10

08/05/2022

Assessment Description:

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Run the following console application with the “Activity 10 Code.” This program should produce the union of two sets, but has several errors. Use a variety of debugging techniques to locate and correct the errors.

NOTE: A set is a collection of like elements that does not contain any duplicates. The union of two sets is the set that contains all the elements in both sets. Formally:

$$A \cup B = \{x : x \in A \text{ or } x \in B\}$$

read: A union B is the set of all x such that x is in A or x is in B

Example: $A = \{1,2,3,4,5\}$ and $B = \{2,4,6,8\}$, then $A \cup B = \{1,2,3,4,5,6,8\}$ (notice, no duplicates!)

Debug the program. When you find an error, comment out the offending line, give an explanation of the error, write a corrected line, and include a screenshot of your program running with successful output.

Link Submissions:

GitHub: https://github.com/GCUSTudent-DanielRumfelt/Week_5_Activity_10