CSE 210

W05 Assignment: Explain Inheritance

Overview

Articulate the principle of inheritance.

Instructions

Now that you have learned about the principle of inheritance, and designed and developed a program using it, return to Canvas and answer the following question (the way you would in a job interview):

> What is inheritance and why is it important?

Your response must:

- Explain the meaning of Inheritance.

- Highlight a benefit of Inheritance.

- Provide an application of Inheritance.

- Use a code example of Inheritance from the program you wrote. (You should copy and paste a few lines of code that demonstrate the use of the principle.)

- Thoroughly explain these concepts. (This likely cannot be done in less than 100 words.)

Use your own words

Remember that your goal is to learn these topics well enough that you can explain them in your own words in a job interview or when you talk with your coworkers. With this in mind, you should write your response in your own words.

You should *NOT* copy and paste your response from the preparation material or from another source you find online, including using an AI generator. Using a response that is not your own is a violation of the University Honor Code, will result in a 0 on the assignment or failing the class, and will not help you learn.