

Oracles Lab  
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Please answer the following questions and submit your answers.

I am trying to learn more about what you know, so that I can decide how best to teach you. On this test, you will get credit for thoughtful answers, even if they are incorrect. Please attempt all parts of the question.

1. **What is your name?**
2. **Suppose you were writing a text editing program that would display fonts properly on the screen. How would you test whether the font display is correct?**

Here is some terminology:

A *typeface* is a style or design of a complete set of printable characters. For example, these are all in the typeface "Times New Roman":

Times New Roman, size 9 points

Times New Roman, size 10 points

Times New Roman, size 11 points

Times New Roman, size 12 points

The following are in the Helvetica typeface:

Helvetica, size 9 points

Helvetica, size 10 points

Helvetica, size 11 points

Helvetica, size 12 points

When you add a size to a typeface, you have a font. The line above this is printed in a Helvetica 12 point font.

2-A How could you determine whether the editor is displaying text in the correct typeface?

2-B How could you determine whether the editor is displaying text in the right size?

2-C How would you test whether the editor displays text correctly (in any font that the user specifies)? Describe your thinking about this problem and the strategies you are considering.