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System Development Quiz

Three Questions

# Questions

Question 1

1. Name at least three data types

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[3 marks]

1. Circle the correct variable
2. String p
3. String \_epper
4. String #pep
5. String 3mp

[2 marks]

Question 2

In System Development, what is divide and conquer? State an example of where it can be used

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[5 marks]

Question 3

Throughout all my life, I have loved cars. Dr Pep told me that he preferred the new BMW car; however, I love the new Audi.

1. From the paragraph above, can you name all the objects you see? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

[3 marks]

# Answers

1a) String, Integer, Double and any other

1b) i and ii

2) Divide and conquer is when the user breaks down problems by making it easier to three or more sub-problems. For example, if there is an error in a code for an array. You can sort it out alphabetically, or numerically. If there is a loop error, you can take each step and stay it aloud to see where the error is. Making the problem less and less.

3) Dr Pep, BMW car and Audi car