CS2303 Quiz 2

datatypes

August 14, 2019

Name:
WPI email:

Total out of 2.5 points:

1. (0.357 points) Who or what creates primitive datatypes? Who or what creates non-primitive datatypes? Explain.

2. (0.357 points) What is a primitive datatype? What is a non-primitive datatype?

3. (0.357 points) Where, if anywhere, are primitive datatypes defined, in a program? Where, if anywhere, are non-primitive datatypes defined, in a program?

4. (0.357 points) Give one purpose for which a primitive datatype is used, and identity that user. Give one purpose for a non-primitive datatype.

5. (0.357 points) How is the number of bits dedicated to a primitive datatype defined, in C? How can we determine this number in an executing program? How can we determine the number of bits of a non-primitive datatype in an executing program?

6. (0.357 points) Why might we want to know the number of bytes occupied by a non-primitive datatype?

7. (0.357 points) How do we allocate memory for a primitive datatype? For a non-primitive datatype?