Review: Use TypeCastExamples.java to answer these questions

1. What are the data types of the actual parameters at line 16?
2. What are the data types of the formal parameters at line 4?
3. The answers to the first two questions are different. Why doesn’t this cause a compilation error?
4. Run the program. Can you explain the output?
5. Draw an object diagram of the computer memory layout after the program has executed.

Activities

1. Print out the length if the louder object is a dolphin.
2. Suppose that ms is a local variable that is a reference of type MakesSound. Is it possible for ms instanceof Swims to be true? Write some code that demonstrates your answer.