Read the lecture materials &/or reading materials to thoroughly & accurately answer the following questions.
1. Why is inheritance considered to be a good thing for a Java programmer?
2. Is there a maximum limit to how many parent classes a class can have? If so, what is the limit?
2. List two arounds of alcoses that would have an "is a" relationship between them. Do areative and make your own
3. List two examples of classes that would have an "is-a" relationship between them. Be creative and make your own examples. Don't use any examples that were used in the lecture notes. (Ex. Student is-a Person)
Considering the Person, Student, and Freshman classes that are used as examples in the lecture notes are the following statements valid or invalid?
4. Person jane = new Freshman();
4. Person jane = new Freshman();5. Student joan = new Person();
5. Student joan = new Person();
5. Student joan = new Person();
5. Student joan = new Person();6. Freshman mary = new Person();
5. Student joan = new Person();6. Freshman mary = new Person();
5. Student joan = new Person();6. Freshman mary = new Person(); 7. What does a solid line with an open arrowhead represent in a class hierarchy chart?

Name -

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