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| **Nr** | **Points** | **Problem** | **Notes** |
|  | 5 | Create a class that holds the *firstname* and the *surname* of a person. Make it have two *constructors,* one with both *firstname* and *surname,* and one with *full name* (we assume each individual has only one *surname* and at least one *firstname* separated by spaces). Test in main class. |  |
|  | 10 | Create a class called Tank that can be filled and emptied (let’s say it has acts like a stack), and has a termination condition that it must be empty when the object is cleaned up. Write a finalize() that verifies this termination condition. In main(), test the possible scenarios that can occur when your Tank is used. | Add objects to the tank and then call the garbage collector. |
|  | 5 | Create a small application that demonstrates (with sysouts) the order in which *constructors*, *local variables*, *fields*, *static blocks* are initialized / called - consider using *superclasses* as well. |  |