

Homework #1



Questions

During the lecture you learned about the Term “Class”.

Recall: A Class represents a template which you can use to create concrete Instances.

Example: Class Student and the concrete instance : Bob the Student.

Answer the following questions:

1. Given your Class Student, if you want to initialize a new Instance e.g. Bob what do you have to do?
2. What is the problem if you decide to use the given default Initializer/Constructor?
3. Given the following text description of a specific Instance try to create a Class/Template which can hold all elements described:

*“My **House** is so lovely, it has 3 different **floors**, 8 different **rooms**, 30 windows and 7 **doors**”*
5. Make sure that an concrete Instance of your defined Class **House** can't be initialized without setting its attributes properly. Recall: You need to write your own Initialiser.
6. Write a Main-Method and create the instance described in Question 3.).

