Hausaufgabe 1

Exercise 3

How are the instances stored in memory?

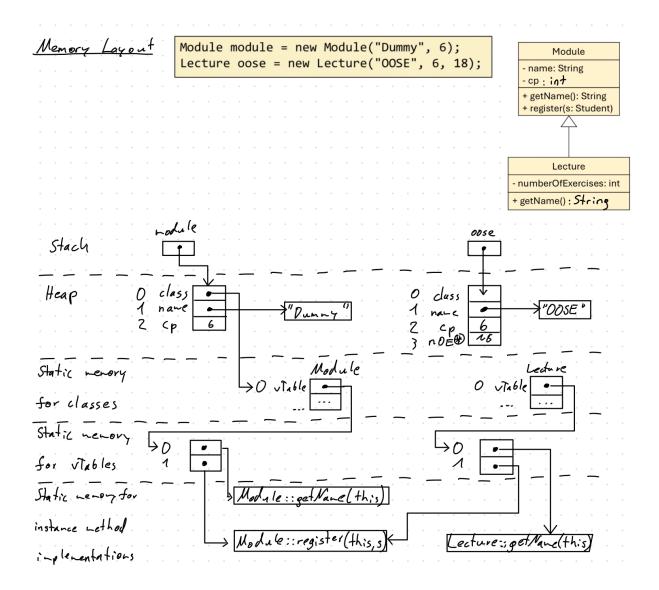
Both instances are stored in the heap because both are created with the keyword 'new'.

How does overriding work technically?

Normally when a class extends another class all methods of the super class are forwarded to the sub class. In the v-table would be an entry from the sub class showing on the implementation of the methods of the super class. Overriding a method means that the method doesn't show to the entry of the super class anymore but to the own implementation of the sub class.

Hausaufgabe 1

Draw a memory layout



Hausaufgabe 1 2