**Exercises Session04-2**

In the following exercise you’ll write a Java program that can manage information about a course: its name, description, hours per week, number of weeks, price per hour, literature. Write various methods to access the information contained in the objects of the class.

1. Create a new project in BlueJ, choose a name for it

2. Create a class called Course

3. Define the instance variables (name, description, hours per week, number of weeks, price per hour, literature) for the class and give them a fitting data type.

4. Write a constructor for the class with the following input parameters: name and description. The name of the course has to be 8 characters long and the description at more than 15 characters.

5. Test the constructor

6. Make set and get methods for the instance variables (fields). The set method for the course description must check that the description is more than 15 characters long.

7. Test the methods

8. Write a method which can calculate the price for the course (hours per Week \* number of weeks \* price per hour)

9. Test the method

10. Write a print method which print out the information about the course (to the console)

11. Test the method

12. Write a method that returns the first 10 characters of the description

13. Test the method

14. Make a method that returns the length of the description