

5COSC001W - Tutorial 1 Exercises

1 Familiarisation with Online Learning in the Blackboard Environment

Your tutor will go through some material on how online learning will work. You are assumed to have read the relevant document and ask questions about that, if not, make sure you ask your tutor how you will do what!

2 Java/Netbeans Reminder

Write a program which displays the message

```
Welcome to Online Learning!
```

```
Please virus go away!
```

Make sure that the second message "Please virus go away!" is displayed after a blank line is between the first and the second sentence.

3 Java/Netbeans Reminder - Syntax of the main method

Your tutor will go through the syntax of the main method. What the arguments `String[] args` are and how you can pass command line arguments to the main method using Netbeans or the command line.

4 Java Reminder - For Loops and ifs

Write a Java program which displays all the even numbers (numbers which are divided exactly by 2) in the range between 0 and 100. You should use a for loop for this exercise.

5 Java Reminder - While Loops and ifs

Write the equivalent program using a while loop!

Your Java program displays all the even numbers (numbers which are divided exactly by 2) in the range between 0 and 100.

6 A Lottery Program

A lottery ticket consists of 6 unique numbers in the range between 1 and 49.

Can you write a Java program which calculates such a 6 lucky random unique numbers which your program user can play in the next lottery?