Week 13

Exercises: Loops

1. Use a loop for displaying numbers for 1 to 10.

2. Use a loop for displaying numbers from 10 to 1.

3. Use a loop for displaying odd numbers smaller than 10

4. Use a loop for displaying even numbers up to 10

5. Write a program that asks the user to keep entering numbers until the number entered is 10 or more. The program calculates and prints the sum of the all the numbers entered by the user that are smaller than 10

6. Write a program that asks the user to enter 10 numbers and then finds and prints the sum of all positive numbers and the product of all negative numbers.

7. Write a script that finds and prints all square numbers smaller than 200

8. Write a script that finds and prints the sum of all cube numbers that are bigger than 10 but smaller than 100

9. Write a script that keeps asking the user about the username and only stops when the correct username is entered (your name). A welcome message is displayed in the end.

10. Modify Question 9 so that the user is asked about the username and the password. Pick a username and a password of your choice. The program will continue asking until the right combination is entered. A welcome message is displayed in the end.