Programming exercises 1

**Exercise 1 – Formatted output**

Initialize a list with the value 1.0, 10.0, 100.0, 1000.0, 10000.0 and then using a for-loop produce the following output (the values are right justified).

1.0

10.0

100.0

1000.0

10000.0

**Exercise 2 – Lists and list comprehensions**

Using list comprehensions, create a list of all even integers between 0 and 1000, and then sum the list using a for-loop. Display the sum.

**Exercise 3 – Strings**

Write a program that prompts the user to input some text and a word. The program outputs the starting indices of all occurrences of the word in the text. If the word is not found, the program should output “not found”.

**Exercise 4 – Lists and input**

Write a program that prompts the user to input a sequence of words. The program the displays a list of unique words.