Programming

Seminar Week 4

Create a word document and answer the following questions. Where there is coding involved, take a screenshot of the code along with the output and attach it to the word document below each question. Complete the seminar sheet and upload it on the link provided.

Tasks:

1. Write a Java program that will ask the user to read 3 numbers A, B and C and work out the average. Display the result as "The average of the 3 numbers is: x"

2. Write a Java program using string manipulations.

String p = Enter user input

String q = Enter user input

String r = Enter user input

Write code to work out and display:

• Concatenation (p+q+r) in capital letters

 • Concatenation of (r + p) in lowercase

• total number of characters within (p+q+r)

3. Create an interest calculator that will prompt the user to input a starting balance (£1000) and an interest rate (5%) on the starting balance. Work out the balances after the first, second and third year.

4. Write a Java program to get a number from the user and print whether it is positive or negative.

5. Write Java program to allow the user to input his/her age. Then the program will show if the person is an infant, child, a teenager or an adult.