CD/INF 0114: OBJECT ORIENTED PROGRAMMING

PRACTICAL SESSION 2

1. Write a program that reads **three** numbers and prints the largest number
2. Write a Java program that determines a student's grade.

   The program will read three types of scores (quiz, mid-term, and final scores) and determine the grade based on the following rules:

   -if the average score >=90% =>grade=A

   -if the average score >= 70% and <90% => grade=B

   -if the average score>=50% and <70% =>grade=C

   -if the average score<50% =>grade=F

   See the example output below:

   Quiz score: 80

   Mid-term score: 68

   Final score: 90

   Your grade is B.
3. A certain CS professor gives 5-point quizzes that are graded on the scale 5-A, 4-B, 3-C, 2-D, 1-F, 0-F. Write a program that accepts a quiz score as an input and uses a decision structure to calculate the corresponding grade.
4. Consider the following code fragment:

```
int sum = 0;
int i = 0;
while (i < 5)
{
    sum += i;
    i++;
}
System.out.print(sum);
```

   Replace the while loop in the fragment above with a **for** loop that prints the same value of **sum** variable.

5. Write a program to display all odd numbers between 0 and 1000.
6. Write a program to display the sum of all even numbers between 0 and 100
7. Write a Java program to d store the score into an array and output the stored score on the computer screen descending order (from largest to smallest). knowing that the number of the students and the student score shall be given by the user