

JAVA - Worksheet 9 – For loop

Create the following programs and send them for correction through MS Teams:

1. Write a program Numbers that asks the user to input a number between 5 and 20. Then output the numbers from 1 to the number entered by the user.
2. Write a program RandomNumbers that outputs 5 randomly generated numbers from 1 to 90.
3. Write a program ExamMarks that asks the user to enter 20 exam marks and then output the total marks and average mark. (Hint: use `total=total+marks`)
4. Modify the program ExamMarks to output 'Pass' or 'Fail' for each mark entered by the user. A mark of 50 or over is considered as a pass.
5. Write a program Factorial that asks the user to enter a number and the program should output the factorial of that number. Eg: If 5 is entered, output should be $5*4*3*2*1 = 120$