Sheet 4

1. Write a program to make such a pattern:

```
input int number:5
55555
4444
333
22
1
```

2. Referring to problem 8 in LAB(3) rewrite the program to make it reusable so that after end of calculation the program ask the user to enter "y" for another calculation or "n" for closing the program.

3. Write a program that allows the user to enter n numbers andthen should display the Greatest Number entered.

4. Write a program to find the count and sum of all integer between 100 and 500 which are divisible by 7. (Notice: result is17157.)

5. Write a program to find the factorial of a number N enteredby the User.

6. Write a program that allows the user to enter n numbers andthen should display the count of entered positive, negativeand zeros numbers.

7. File Stream
   a) Write a program that allows the user to enter employee data id, name, address, and salary then storing the data in a file named "employee.txt".

   b) Referring to problem (a), Write a program that display the employee data stored in the file "employee.txt".

   c) Referring to problems a, b Write a program that allows the user to enter N employees data, store them in a text file then read and print the data stored in the text file.