**Assessment -3**

1.Write a program to check Armstrong using scanner?

2.write a singleton example?

3.write a program for string sorting with out using predefined methods?

4.write a program for string permutations? ex:god,ogd,dog,gdo,dgo.

5.write a program for deadlock situation multithreading?

6.write a program for file to excel? input=file,output=excel.

7.write a program for gender grouping into separate files ?

8.Write a program for array it should maintain 0's at the end and non zero's in sorting order ?

9.write a program for factorial of a number using recursion?

10. Write a program for below pattern?

A

B B

C C

D D

C C

B B

A