**1.Write a java program for the Armstrong number . A number is called Armstrong number if it is equal to the sum of the cube of each digit.for example 371 is an Armstrong number because**

**371 = 27+343+1 which is equal to 3^3+7^3+1^3.**

**2.Write a java program to find all the permutations of the given String. Permutation is the all possible combinations of the Strings possible for any word.**

**3.Pattern programs in java :**

**1**

**1 2**

**1 2 3**

**1 2 3 4**

**1 2 3 4 5**

**1 2 3 4 5 6 7**

**1 2 3 4 5 6**

**1 2 3 4 5**

**1 2 3 4**

**1 2 3**

**1 2**

**1**

**4.Fibonacci Series**

***Fibonacci Series is as follow :***

**0,1,1,2,3,5,8,13,21.34,55,89,144,233,377,610 .........**