Problem 01

You are given two positive integers n and m . Now calculate the value of n to the power m using recursion.

Sample Input :

2 5

Sample Output :

32

Problem 02

You are given a positive integer n. The next line will contain n positive integers .Now calculate the total sum in the following way –
>> add the last digit of every integers
Implement it using recursion.

Sample Input :

4

222 13 17 1

Sample Output :

13

Explanation –

Last digit of 222=2

Last digit of 13=3

Last digit of 17=7

Last digit of 1=1

Total =2+3+7+1=13

Problem 03

You are given an integer n . Now print 1 to n . Implement it using recursion.

Sample Input :

5

Sample Output :

1 2 3 4 5

Problem 04

You are given an integer n . Now print n to 1 . Implement it using recursion.

Sample Input :

5

Sample Output :

5 4 3 2 1

Problem 05

You are given an integer n . Now print the sum of first n natural numbers.
For example n=5 , that means sum of first n natural number is 15(1+2+3+4+5) . Implement it using recursion.

Sample Input:

5

Sample Output:

15