1. Write a shell script to accept one integer from the user and display whether it is armstrong number or not.

A number is armstrong if sum of cube of its digits is equal to that number.

E.g. 153 = (1)^3 + (5)^3 + (3)^3 = 1 + 125 + 27 = 154

Don not use bc for calculating cube. Use expr or let to calculate the cube of number

1. Write a shell script to accept three numbers as input. Display the largest number among them. **Do not use arrays**
2. Write a shell script to accept one integer from the user. Calculate the factorial of given number and display the factorial along with input number. The program should accept only positive integer as an input. (factorial of 0 is 1 and factorial of 1 is 1).

factorial(n) = n\*factorial(n-1)

1. Write a shell script to accept array of integers. Calculate sum of all elements in the array and display the same along with number of elements in the array.