

NATIONAL PUBLIC SCHOOL, INDIRANAGAR
COMPUTER SCIENCE - 2021-2022
Practice Session 7 – Looping statements

1. Write a program to input 10 numbers from the keyboard and find the largest number and the smallest number.

Sample input : 25 89 8 32 78 44 69 99 12 55

Sample output:

Largest number is 99

Smallest number is 8

2. Write a program to accept the age of n employees and count the number of persons in the following age group:
 - a) 26-35
 - b) 36-45
 - c) 46-55

Sample input :

n = 5

25 49 28 32 54

Sample output:

No. of persons in range 26 to 35 : 2

No. of persons in range 36 to 45 : 0

No. of persons in range 46 to 55 : 2

3. Write a program to input n numbers and print the sum of even and odd numbers.

Sample input : 2 4 7 19 12

Sample output:

Sum of even numbers is = $2+4+12 = 18$

Sum of odd numbers is = $7 + 19 = 26$

4. Write a program to input a number and print whether the number is a neon number.
A number is said to be a neon if the sum of all the digits of square of a number is equal to the entered number.
Eg: 9 The square of 9 is 81 and the sum of digits = $8 + 1 = 9$
5. Write a program using loop that asks the user to enter a multiple of 10. If the number entered is not a multiple of 10, then display an appropriate message and ask them to enter a number again. Do not stop until a multiple of 10 is entered. Print a Congratulatory message at end.