



Course Title: SPL Lab

Course Code: CSE 1112

Credit Hours: 3.0

Trimester & Year: Summer 2022

Section: E

AZ

Evaluation -01

Total Marks: 20

Time: 30 min

1. Write a Program which will print all '*Vecna*' Number in between two Ranges. *Vecna* numbers are those numbers which have following characteristics

- Starts and ends with 1
- is not a palindrome number
- Square of the sum of the digits are divisible by 8

Input	Output
1000 1250	1021 1061 1151 1191 1201 1241
1345 1678	1371 1421 1461 1511 1551 1591 1601 1641

2. Write a program that takes an integer number n as input and find out the sum of the following series up to n terms.

$$8.7^2 + 6.5^2 + 4.3^2 + 2.1^2$$

Input	Output
5	$5^2 + 4.3^2 + 2.1^2 =$
8	$8.7^2 + 6.5^2 + 4.3^2 + 2.1^2 =$