



# UNITED INTERNATIONAL UNIVERSITY

Department of Computer Science and Engineering (CSE)

Course Title: SPL Lab(X)  
Spring 2023

## Evaluation I Set A

Total Marks: 20  
Time: 40 minutes

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. WAP that will take n integers into an array A. Now find the average of the even indexed elements of that array.

Sample Input	Sample Output	Explanation
8 2 8 1 3 2 6 4 3	Average: 2	Even indexes are 0,2,4,6,... And the values are 2+1+2+4=9 Average = $9/4 = 2$
3 3 3 3	Average: 3	
4 6 7 8 9	Average: 7	