Technical Theory & Logical
Test Sample

1) To output the given string for the given input which is an integer.

   Input: 1

   Output: A

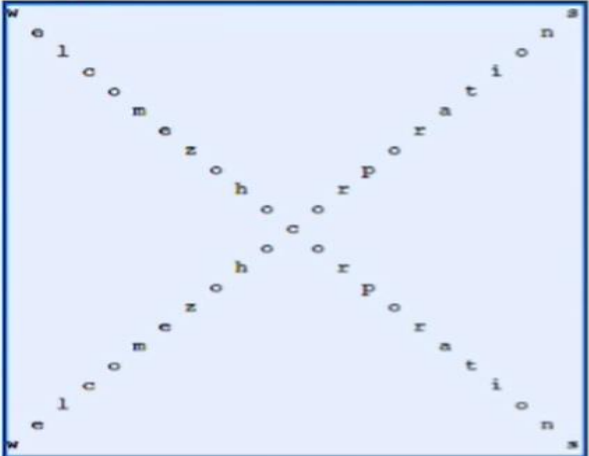   Input: 26

   Output: Z

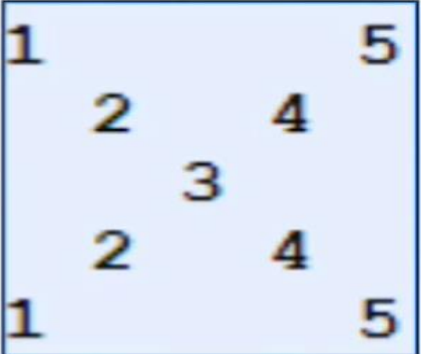   Input: 27

   Output: AA

   Input: 1000

   Output: ALL

2) Write a Program to print the following output for the given input. You can assume the string is of odd length.

Example 1:
Input: Welcomezohocorporations
Output:

Example 2:
Input: 12345
Output:

3) Given an Integer, the task is to write a program to convert integer to roman.

Example1:

Input: num: 3758

Output: "MMMDCCXLIX"

Example2:

Input: num: 58

Output: "LVIII"

4) Write a program to convert a number into a mono-digit number.

Conditions:

a) You are allowed to add and subtract the consecutive digits (Starting to left).
b) You are allowed to do only one operation on a digit.
c) You can't perform any operation on a resultant digit of the pervious operation.
d) Your code should also find if a given number can't be converted to a mono-digit number.

Example1:

Input: 72581

Output: 7(2+5)81

77(8-1)

777

Example1:

Input: 3962

Output: can't create a mono digit number.

5) You're given an even number n.

Input: if n=4, you have to print the following pattern:

Output:

4444

4334

4334

4444

Input: if n=6, you have to print the following pattern:

Output:

666666

655556

654456

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654456

655556

666666