1. Write an assembly program that finds the sum of the following series up to n terms:
   0, 1, 8, 27, 64, … …

   You must take n as an input, assuming 0<n<10. You need to put the final sum in the AX register.

   Example: Input: n=5; Output: AX=225 (in decimal)

2. Write a program in assembly to display the prime numbers between 0 and 10. You must solve this a) using 'loop' instruction and b) without any 'loop' instruction.

   Output: 2 3 5 7   ;display as characters

3. Write an assembly program to display a (multi-digit) decimal number in reverse order. Assume, the number is given in AX.

   Example: AX=12345; Output: 54321