1. Write an assembly program to print 15 “#” in 3 rows.

Example: #####

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1. Write an assembly program to Solve the Following Equation.

Eqn: X = 2Y + 3Z

1. Write an Assembly program that will prompt the user to input a number and show if the number is a prime number or not.

Example: Enter a number: 5

Output: Prime Number

1. Write an Assembly program that will prompt the user to Enter a Hexa-decimal number (A-F) and show the decimal equivalent of the number.

Example: Enter a Hexadecimal number: D

Output: 13

1. Write an Assembly code to print the followings using count controlled loop.

1 2 3 4

5 6 7 8

1. Write an Assembly program that will prompt the user to enter a number and show if the number is a Even or ODD.

Example: Enter a number: 5

Output: It is an ODD number.

1. Write an assembly code to take 3 numbers from the user as input and show the 2nd largest number in the output.

Example: Enter 1st number: 4

Enter 1st number: 6

Enter 1st number: 9

Output: The 2nd largest number is 6