

HARDWARE LAB PRACTICE QUESTIONS - SET1

a. Sample programs whose source code is given in the Eduserver

1. Implement a NASM program to print your address on the console
2. Implement a NASM program to read your name from the keyboard and print it on the console.
3. Implement a NASM program to read a number then print the numbers from 0 to that number.
4. Implement a NASM program to read 2 one digit numbers and add them and print the result on the console.
5. Implement a NASM program to read 2 one digit numbers and compare them and print the largest among them.
6. Implement a NASM program to read 2 two digit numbers and add them together and print it on the console.
7. Implement a NASM program to read a keystroke from the keyboard and report it as Lower case or Upper case.
8. Implement a NASM program to read a single digit number and find it as odd or even and print it on the console.

b. New set of practice programs

1. Read 3 two-digit numbers and print the second largest number among them.
2. Read a keystroke and report whether caps lock is on or not.
3. Read two integers and print whether the first number is a multiple of the second.
4. Read a 2 digit number and find the sum of even numbers from 0 to that number
5. Write a program to find GCD of two numbers using Euclid's algorithm (non recursive version).
6. Write a program to read a number and find whether it is prime or not.
7. Write a program to read 2 32 bit numbers add them and print the result.