***ASSIGNMENT SET – 1 (INTEGER HANDLING) -* (BatchA)**

1. Read a key stroke and report whether it is a alphanumeric, alphabetic or a special key?
2. Write a program to accept a number and print whether it is even or odd?
3. Write a program to accept a number between 0 to 9 and print all numbers between 0 and that number.
4. Read a single digit number and print multiplication table of the number.
5. Write a program to check whether a system is little endian or big endian.
   Hint : For little endian lower-order byte of the data is stored in memory at the lowest address and for big endian higher-order byte is stored at lowest address
6. Write a program to read two 16 bit numbers add them and print also.
7. Write a program to read 2 32 bit numbers add them and print the result.

ASSIGNMENT SET – 1 (INTEGER HANDLING) (Batch B)

1. Write a NASM program to read a key stroke and report whether caps lock is on.
2. Write a program to read a 1 digit number and find the square of it?.
3. Write a program to accept a number between 0 to 9 and find the sum of all numbers from 0 to that number.
4. Find the mode of 'n' two digit numbers
5. Write a program to find GCD of two numbers using Euclid’s algorithm(non recursive version)
6. Write a program to read two 16 bit numbers add them and print also.
7. Write a program to read 2 32 bit numbers add them and print the result.