**Date: September 7, 2016**

**Assignment#3 Wednesday Lab (2.00 – 5.00 PM)**

**In the following programs only one while loop should be used unless essential**

Q1. Write a program to print the last even digit e.g. input 23617 output is 6.

Q2. Write a program to print first digit which is multiple of 3. e.g. 69147 output is 9.

Q3. Write a program to print the kth last even digit e.g. 128456 and k = 3, output is 8.

Q4. Write a program to delete all digits except last k digits. e.g. input 23617 and k=3 output is 617.

Q5. Write a program to find the sum of products of consecutive digits e.g. input 23145

then output is 2x3+3x1+1x4+4x5 = 33.

Q6. Write a program which reads a float number (between 0 and 1) and prints the sum of its digits. e.g. input 0.231562 output is 2+3+1+5+6 =17.

Q7. Write a program to display the largest prime factor of a given number.