Assignment 3

1. Given an integer n, print the number of trailing zeroes in n!.

2. Print all the leap years between 2000 and 3000 (inclusive).

3. Input consists of ‘n’ numbers. Print whether those ‘n’ numbers form an arithmetic

progression or not. examples:

a. 2 6 10 14 18 22 o/p : yes

b. 2 6 10 15 19 23 o/p: no

4. Write a Program to determine if the input number is Armstrong number or not.

5. Write a program to input name and marks of three tests of a student and calculate

and print the name and average of best two test marks.

6. Write a program to calculate the roots of a quadratic equation ax2 +bx +c=0, display them on the screen specifying their nature.

7. Write a program to input a number and print the sum of all it’s even digits and sum

of all its odd digits separately.