Ex. No. 8 – PL/SQL Procedures

1) Ram and Raj were playing number fun game . In this game, Ram gave three numbers (a,b,c) to Raj . Ram should find out the numbers which are divisible by third number (c) between the range of first given two numbers(a,b) and find how many numbers are there . Write a PL/SQL program for implementing the above concept using procedures

Input Format:  
First line of input contains value of a.  
Second line of input contains value of b.  
Next line of input contains value of c (dividend)

Sample input:

1

10

2

Output Format:  
Output is integer values   which are divisible by c and total number of integers.  
Print "Invalid Input" if the dividend (c) value is 0

Sample output:

2

4

6

8

10

Total:5

2)For the already created table of student schema,

Student(regno, name, cgpa)

Course(ccode, cname, credits)

Student\_course( regno, ccode)

i).Write a PL/SQL procedure to update the cgpa of the student with regno 101

SQL> create or replace procedure pro\_update(x1 number, x2 varchar2) as

2 Begin

3 update student set cgpa=x1 where regno=x2;

4 dbms\_output.put\_line('Record Updated');

5 end;

6 /

Procedure created.

SQL> exec pro\_update(9.3,'16BCE1001');

Record Updated

ii).Write a procedure to find the maximum cgpa of all the students.

iii)Insert a column named marks in student\_course relation and update the column values.

iv)Get the marks of the the regno 102 and display his grade

3) Write a procedure to perform the following concepts

(i) Swapping of two numbers using temp variable

(ii) To find whether the given number is prime or not