PL/SQL Programs on Case Study 2 & 5

**(EMERGENCY ROOM INFORMATION SYSTEM) & (TOUR OPERATING SYSTEM)**

PRE-LAB:

1)

Declare  
fvar number := null; svar number := 5  
Begin  
goto << fproc>>  
if fvar is null then  
<< fproc>>  
svar := svar + 5  
end if;  
End;  
   
What will be the value of svar after the execution ?

2) What is a stored procedure?

3) What are the different datatypes supported in PL/SQL  
4) What is the Result of the following 'VIK'||NULL||'RAM' ?

5) A database is an extensive collection of records. In what form are they stored?

6) In the index allocation scheme of blocks to a file, the maximum possible size of the life depends on \_\_\_\_\_\_

7) How many Clustered indexes can be created on table and why?

IN-LAB:

PL/SQL programs on **EMERGENCY ROOM INFORMATION SYSTEM**

1. Write PL/SQL program to display doctor appointment fee amount value.
2. Wrie PL/SQL program to delete appointment amount value 200
3. Write a PL/SQL program using functions to display the address details from where the number of patients are more than 3.
4. Write an PL/SQL program using triggers to raise an exception on invalid patient ID

PL/SQL programs on **TOUR OPERATING SYSTEM**

1. Create a procedure to display the tourist details who are visiting the same place
2. Create a cursor to display the details of the customers/tourists
3. Create a cursor to display the details of the travel agents where the tourists booked their tours
4. Create a trigger to display a message “No tours scheduled” when the tour date is in the month of December

POST-LAB:

1) Write a PL/SQL PROGRAM to select the five highest paid employees from the emp table using CURSORS.

### Input Table

ENAME EMPNO SAL

---------- --------- --------

KING 7839 5000

SCOTT 7788 3000

FORD 7902 3000

JONES 7566 2975

BLAKE 7698 2850

CLARK 7782 2450

ALLEN 7499 1600

TURNER 7844 1500

MILLER 7934 1300

WARD 7521 1250

MARTIN 7654 1250

ADAMS 7876 1100

JAMES 7900 950

SMITH 7369 800

2) Write a PL/SQL Program to check for an Armstrong Number

3) Write a PL/SQL program to check whether a given character is letter or digit.