PL/SQL Assignment

Introduction to PL/SQL

support@intellipaat.com
+91-7022374614
US: 1-800-216-8930(Toll Free)

EXERCISE – 2

Write a PL/SQL code to create student database with the tables and fields specified as below.

a) Student

Roll no	Student_name	Course	Gender

b) Student_personal

Roll no	DOB	Father_name	Address	Place

c) Student_enrollment

Roll no	Course	Course_code Percentage	Sem	Total_marks

SOLUTION:

SQL> create table student(roll_no number(10)primary
key,student_name varchar2(20),course varchar2(5),gender
varchar2(10));

Table created.

SQL> create table student_personal(roll_no number(10)references
student, dob date, father_name varchar2(20),address varchar2(20),place
varchar2(20));

Table created.

SQL> create table student_enrollment(roll_no
number(10)references student, course varchar2(10),course_code
varchar2(10),sem number(2),total_marks number(30),percentage
number(10));

Table created.

SQL> insert into student values(111,'ravi','cs','male');

1 row created.

SQL> insert into student values(112,'praveen','cs','male');

1 row created.

SQL> insert into student values(113,'bhuvana','is','female');

1 row created.

SQL> insert into student values(114,'apparna','is','female');

1 row created.

```
SQL> insert into student_personal values(111,'12-
nov-1099','annayya','#50','gulbarga');

1 row created.


SQL> insert into student_personal values(112,'13-
dec-1099','poornayya','#34','gulbarga');

1 row created.


SQL> insert into student_personal values(113,'14-
jan-1098','ramayya','#56','gulbarga');

1 row created.


SQL> insert into student_personal values(114,'15-
feb-1098','ganesh','#78','gulbarga');

1 row created.


SQL> insert into student_enrollment values(111,'cs','1001','1',500,83);

1 row created.


SQL> insert into student_enrollment values(112,'cs','1001','1',555,92);

1 row created.


SQL> insert into student_enrollment values(113,'is','1002','1',465,77);

1 row created.


SQL> insert into student_enrollment values(114,'is','1002','1',585,97);

1 row created.
```

```
SQL> commit;

Commit complete.

SQL> select * from student;

   ROLL_NO STUDENT_NAME         COURS GENDER
---------- -------------------- ----- ----------
       111 ravi                 cs    male
       112 praveen              cs    male
       113 bhuvana              is    female
       114 apparna              is    female

SQL> select * from student_personal;
   ROLL_NO  DOB        FATHER_NAME          ADDRESS      PLACE
---------- --------- -------------------- --------------------
   111     12-NOV-99  annayya              #50      gulbarga
   112     13-DEC-99  poornayya            #34      gulbarga
   113     14-JAN-98  ramayya              #56      gulbarga
   114     15-FEB-98  ganesh               #78      gulbarga
```