Create a Student Project relational database with below tables

**STUDENT**

STUDENT NO TEXT (3) PRIMARYKEY

STUDENT\_NAME TEXT (10)

STUDENT\_DOB DATE

STUDENT\_DOJ DATE

**PROJECT**

PRJ\_NO TEXT (3) PRIMARY KEY

PRJ\_NAME TEXT (15)

PRJ\_DUR NUMBER (2)

PRJ\_PLATFORM TEXT (10)

**STUDENT PROJECT**

STUDENT\_NO TEXT (3)

PRJ\_NO TEXT (3)

DESIGNATION TEXT (10)

PRIMARYKEY (STUDENT\_NO,PRJ\_NO,DESIGNATION)

FOREIGN KEY(STUDENT\_NO)

FOREIGN KEY(PRJ\_NO)

**Create student table**

CREATE TABLE Student

 (

 st\_no varchar2(5) PRIMARY KEY,

st\_name varchar2(10),

st\_dob date,

st\_doj date

 );

**Create project table**

CREATE TABLE Project

 (

 prj\_no varchar2(3) PRIMARY KEY,

prj\_name varchar2(15),

prj\_dur number(2),

prj\_platform varchar2(10)

 );

**Create studentproject table**

 CREATE TABLE StudentProject

 (

  st\_no varchar2(3) REFERENCES STUDENT(st\_no),

prj\_no varchar2(3) REFERENCES PROJECT(prj\_no),

designation varchar2(10),

PRIMARY KEY (st\_no,prj\_no,designation)

 );

**Description / definition of student table**

desc student;

 Name                                         Null?    Type

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

 ST\_NO                              NOT NULL VARCHAR2(5)

 ST\_NAME                                            VARCHAR2(10)

 ST\_DOB                                               DATE

 ST\_DOJ                                                DATE

**Description / definition of project table**

desc project;

 Name                                            Null?    Type

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

 PRJ\_NO                               NOT NULL VARCHAR2(3)

 PRJ\_NAME                                             VARCHAR2(15)

 PRJ\_DUR                                                NUMBER(2)

 PRJ\_PLATFORM                                    VARCHAR2(10)

**Description / definition of studentproject table**

desc StudentProject;

 Name                                            Null?    Type

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

 ST\_NO                                 NOT NULL VARCHAR2(3)

 PRJ\_NO                               NOT NULL VARCHAR2(3)

 DESIGNATION                                       VARCHAR2(10)

**Insert statements**

**INSERT STATEMENT FOR STUDENT TABLE**

 INSERT INTO Student

 (st\_no,st\_name,st\_dob,st\_doj) VALUES ('ST1','KRUNAL','15-AUG-1982','10-JAN-2003');

 INSERT INTO Student

 (st\_no,st\_name,st\_dob,st\_doj) VALUES ('ST2','BHAVESH','20-AUG-1983','10-JAN-2003');

 INSERT INTO Student

 (st\_no,st\_name,st\_dob,st\_doj) VALUES ('ST3','DARSHAN','15-MAR-1983','12-FEB-2003');

 INSERT INTO Student

 (st\_no,st\_name,st\_dob,st\_doj) VALUES ('ST4','DHAVAL','11-MAY-1982','11-MAR-2003');

 INSERT INTO Student

 (st\_no,st\_name,st\_dob,st\_doj) VALUES ('ST5','BIBIN','23-MAY-1983','12-MAR-2003');

 INSERT INTO Student

 (st\_no,st\_name,st\_dob,st\_doj) VALUES ('ST6','SAMIR','04-SEP-82','12-APR-2003');

 INSERT INTO Student

 (st\_no,st\_name,st\_dob,st\_doj) VALUES ('ST7','CHIRAG','04-JUN-82','12-FEB-2003');

**INSERT STATEMENT FOR PROJECT TABLE**

 INSERT INTO Project

 (prj\_no,prj\_name,prj\_dur,prj\_platform) VALUES ('P01','XYZ',6,'VB');

 INSERT INTO Project

 (prj\_no,prj\_name,prj\_dur,prj\_platform) VALUES ('P02','ABC',5,'JAVA');

 INSERT INTO Project

 (prj\_no,prj\_name,prj\_dur,prj\_platform) VALUES ('P03','LMN',6,'C++');

**INSERT STATEMENT FOR STUDENTPROJECT TABLE**

 INSERT INTO StudentProject

 (st\_no,prj\_no,designation) VALUES ('ST1','P01','PROGRAMMER');

 INSERT INTO StudentProject

 (st\_no,prj\_no,designation) VALUES ('ST2','P01','MANAGER');

 INSERT INTO StudentProject

 (st\_no,prj\_no,designation) VALUES ('ST3','P02','MANAGER');

 INSERT INTO StudentProject

 (st\_no,prj\_no,designation) VALUES ('ST4','P02','MANAGER');

 INSERT INTO StudentProject

 (st\_no,prj\_no,designation) VALUES ('ST5','P03','PROGRAMMER');

 INSERT INTO StudentProject

 (st\_no,prj\_no,designation) VALUES ('ST6','P03','MANAGER');

 INSERT INTO StudentProject

 (st\_no,prj\_no,designation) VALUES ('ST1','P03','PROGRAMMER');

 INSERT INTO StudentProject

 (st\_no,prj\_no,designation) VALUES ('ST1','P01','ANALYST');

 INSERT INTO StudentProject

 (st\_no,prj\_no,designation) VALUES ('ST3','P02','ANALYST');

Write java program to answer below questions

### Display list of all student .

### Display list of all projects.

### Display the number of students who are working on project “P01”.

### Display number of students who participated in more than one project.

### Find number of students who did not participate in any project.

### Display the information (no,name,age) of student  who made the project in java.

### Display the student information who is a programmer.

### Display the student who played the max designation(e.g. manager,programmer) in the same project.

### Display details of the youngest student.

### Display the info of the student who participated in the project where total no of the student should be exact three.