DBMS - SQL QUESTIONS

Write SQL statements for following:

student (Enrno, name, courseId, emailId, cellno)

course (CourseId, course_num, duration)

-- CREATING STUDENT TABLE

```
SQL > CREATE TABLE student (Enrno NUMBER(5), NAME VARCHAR2(20)
              CourseId VARCHAR2(5), EmailId VARCHAR2(20),
                          cellno NUMBER(10));
```

-- INSERTING VALUES FOR STUDENT TABLE --

```
SQL > INSERT INTO student VALUES (101, 'UV', 'U18Z3',
              'uv@gmail.com', '1212121212');

SQL > INSERT INTO Student VALUES (102, 'AADI', 'U18Z3',
              'aadi@gmail.com', '5421354213');

SQL > INSERT INTO student VALUES (103, 'Rose', 'U19Z2',
              'rose@gmail.com', '5120151201');

SQL > INSERT INTO student VALUES (104, 'Aru', 'U99Z4',
              'aru@gmail.com', '4132141321');
```

VIEWING STUDENT TABLE.

```
SQL > SELECT * from student;
```

Enrno	Name	CourseId	EmailId	CellNO
101	UV	U18Z3	uv@gmail.com	1212121212
102	Aadi	U18Z3	aadi@gmail.com	5421354213
103	Rose	U19Z2	rose@gmail.com	5120151201
104	Aru	U99Z4	aru@gmail.com	4132141321

→ CREATING COURSE TABLE :-

SQL > CREATE TABLE Course (courseId VARCHAR2(5),
                course_nm VARCHAR2(10), duration NUMBER(2));

-- INSERTING VALUES TO COURSE TABLE.

SQL > INSERT INTO Course VALUES ('U18Z3', 'computer',
                                                30);

SQL > INSERT INTO Course VALUES ('U19Z2', 'Mech eng',
                                                40);

SQL > INSERT INTO Course VALUES ('U99Z4', 'Physics',
                                                25);

SQL > INSERT INTO Course VALUES ('U21Z3', 'Chemistry',
                                                25);

-- VIEWING COURSE TABLE .

SQL -> SELECT * FROM Course ;

Course Id	Course - nm	Duration
U18Z3	Computer	30
U19Z2	Mech Eng	40
U99Z4	Physics	25
U21Z3	Chemistry	25

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insert pannitom.

i) Add a column city in Student table.

SQL > ALTER TABLE Student ADD ("City" VARCHAR2 (10));

SQL > desc Student ;

OUTPUT :-

Enrno	NUMBER(5)
Name	VARCHAR (20)
Course Id	VARCHAR2 (5)
Email Id	VARCHAR2 (20)
Cell no	NUMBER (10)
City	VARCHAR 2 (10)

ii) Find out list of students who have enrolled in "computer" course.

SQL > SELECT * FROM Students WHERE
                    (Course Id = "computer");

OUTPUT :-

Enrno	Name	Course Id	Email Id	CellNo
101	UV	U18Z3	uv@gmail.com	1212121212
102	Aadi	U18Z3	aadi@gmail.com	5423154231

iii) List all courses name with their duration.

SQL > SELECT course_nm, duration FROM course;

Course_nm	Duration
U18Z3	30
U19Z2	4°
U99Z4	
U21Z3	

OUTPUT :-

Course_nm	Duration
Computer	30
Mech Eng	40
Physics	25
Chemistry	25