EXPERIMENT 2

TABLE CREATION AND VALUE INSERTION

1 INSTRUCTOR

create table Instructor_54(Instructor_id int primary key, Name varchar(30) not null, Department varchar(30));

desc Intrsuctor_54

2 COURSE

create table Course_54(Course_id int primary key,Title varchar(30)not null,Credits int check(Credits >0),Instructor_id int, foreign key (Instructor_ID)references Instructor_54);

desc course_54

3 student

create table Student_54(Rollno int primary key, Name varchar(30) not null,DOB date,Department varchar(30));

desc student_54

4 Enrollment

create table Enrollment_54(Rollno int , Course_id int , Grade char(5), primary key(Rollno, Course_id), foreign key (Rollno) references Student_54(Rollno)on delete cascade,foreign key (Course_id) references Course_54(Course_id) on delete cascade

);

Desc Enrollment_54

OUTPUT

1) table INSTRUCTOR_54 created.

	COLUMN_NAME	DATA_TYPE	NULLABLE	DATA_DEFAULT	COLUMN_ID	COMMENTS
1	INSTRUCTOR_ID	NUMBER(38,0)	No	(null)	1	(null)
2	NAME	VARCHAR2(30 BYTE)	No	(null)	2	(null)
3	DEPARTMENT	VARCHAR2(30 BYTE)	Yes	(null)	3	(null)

2) table COURSE_54 created.

	COLUMN_NAME	DATA_TYPE	NULLABLE	DATA_DEFAULT	COLUMN_ID	COMMENTS
1	COURSE_ID	NUMBER(38,0)	No	(null)	1	(null)
2	TITLE	VARCHAR2(30 BYTE)	No	(null)	2	(null)
3	CREDITS	NUMBER(38,0)	Yes	(null)	3	(null)
4	INSTRUCTOR_ID	NUMBER(38,0)	Yes	(null)	4	(null)

EXPERIMENT 2

3) table STUDENT_54 created.

	COLUMN_NAME	DATA_TYPE	NULLABLE	DATA_DEFAULT	COLUMN_ID	COMMENTS
1	ROLLNO	NUMBER(38,0)	No	(null)	1	(null)
2	NAME	VARCHAR2(30 BYTE)	No	(null)	2	(null)
3	DOB	DATE	Yes	(null)	3	(null)
4	DEPARTMENT	VARCHAR2(30 BYTE)	Yes	(null)	4	(null)

4) table ENROLLMENT_54 created.

	COLUMN_NAME	DATA_TYPE	NULLABLE	DATA_DEFAULT	COLUMN_ID	COMMENTS
1	ROLLNO	NUMBER(38,0)	No	(null)	1	(null)
2	COURSE_ID	NUMBER(38,0)	No	(null)	2	(null)
3	GRADE	CHAR(5 BYTE)	Yes	(null)	3	(null)