

```
CREATE TABLE Departments(  
    department_no int PRIMARY KEY,  
    department_name varchar(255),  
    department_chair varchar(255),  
    department_employees int,  
    CONSTRAINT CK_deptname CHECK (department_name LIKE 'Department%')  
);
```

```
CREATE TABLE Majors(  
    major_code varchar(3) PRIMARY KEY,  
    major_name varchar(255),  
    department_no int,  
    CONSTRAINT FK_deptno FOREIGN KEY (department_no) REFERENCES  
Departments(department_no),  
    CONSTRAINT CK_majorcode CHECK (LENGTH(major_code)=3)  
);
```

```
CREATE TABLE Events(  
    event_name varchar(255) PRIMARY KEY,  
    event_start_date date,  
    event_end_date date,  
    department_no int NOT NULL,  
    CONSTRAINT FK_departmentno FOREIGN KEY (department_no) REFERENCES  
Departments(department_no),  
    CONSTRAINT CK_startdate CHECK (event_end_date>event_start_date),  
    CONSTRAINT CK_enddate CHECK  
(event_start_date>TO_DATE('2022/02/07','YYYY/MM/DD'))  
);
```

```
CREATE TABLE Students(  
    student_id int PRIMARY KEY,  
    student_name varchar(255),  
    student_initial varchar(5),  
    event_name varchar(255) NOT NULL,  
    major_code varchar(3) NOT NULL,  
    CONSTRAINT FK_eventname FOREIGN KEY (event_name) REFERENCES  
Events(event_name),  
    CONSTRAINT FK_majorcode FOREIGN KEY (major_code) REFERENCES  
Majors(major_code),  
    CONSTRAINT CK_studentinitial CHECK (LENGTH(student_initial)>=2)  
);
```

```
INSERT INTO Departments  
VALUES (3, 'Department of Biology', 'Cameron VanDyke', 30);
```

```
INSERT INTO Departments
```

VALUES (1, 'Department of Chemistry', 'Ashley Howell', 25);

INSERT INTO Departments

VALUES (2, 'Department of Mathematics', 'Sam Jones', 17);

INSERT INTO Departments

VALUES (4, 'Department of Computer Science', 'James Brown', 20);

INSERT INTO Departments

VALUES (5, 'Department of Physics', 'Julia Smith', 27);

DEPARTMENT_NO	DEPARTMENT_NAME	DEPARTMENT_CHAIR	DEPARTMENT_EMPLOYEES
3	Department of Biology	Cameron VanDyke	30
1	Department of Chemistry	Ashley Howell	25
2	Department of Mathematics	Sam Jones	17
4	Department of Computer Science	James Brown	20
5	Department of Physics	Julia Smith	27

INSERT INTO Majors

VALUES ('BIO', 'Biology', 3);

INSERT INTO Majors

VALUES ('CSC', 'Computer Science', 4);

INSERT INTO Majors

VALUES ('MTH', 'Mathematics', 2);

INSERT INTO Majors

VALUES ('CHM', 'Chemistry', 1);

INSERT INTO Majors

VALUES ('PHY', 'Physics', 5);

MAJOR_CODE	MAJOR_NAME	DEPARTMENT_NO
BIO	Biology	3
CSC	Computer Science	4
MTH	Mathematics	2
CHM	Chemistry	1
PHY	Physics	5

INSERT INTO Events

VALUES ('Biology Job Fair', DATE '2022-02-18', DATE '2022-02-20', 3);

```
INSERT INTO Events
VALUES ('Engineering Seminar', DATE '2022-03-24', DATE '2022-03-25', 5);
```

```
INSERT INTO Events
VALUES ('STEM Expo', DATE '2022-03-15', DATE '2022-03-21', 1);
```

```
INSERT INTO Events
VALUES ('Programming Workshop', DATE '2022-02-26', DATE '2022-02-28', 4);
```

```
INSERT INTO Events
VALUES ('Free MTH Tutoring', DATE '2022-04-15', DATE '2022-04-30', 2);
```

EVENT_NAME	EVENT_START_DATE	EVENT_END_DATE	DEPARTMENT_NO
STEM Expo	15-MAR-22	21-MAR-22	1
Programming Workshop	26-FEB-22	28-FEB-22	4
Engineering Seminar	24-MAR-22	25-MAR-22	5
Free MTH Tutoring	15-APR-22	30-APR-22	2
Biology Job Fair	18-FEB-22	20-FEB-22	3

```
INSERT INTO Students
VALUES (12345,'Lindsay Cruz','LC', 'Biology Job Fair','BIO');
```

```
INSERT INTO Students
VALUES (12346,'Corinne Badeer','CB', 'Biology Job Fair','BIO');
```

```
INSERT INTO Students
VALUES (123457,'Oliveah Hope','OH','Engineering Seminar','PHY');
```

```
INSERT INTO Students
VALUES (12348,'Benjamin Essensfeld','BE', 'STEM Expo','CHM');
```

```
INSERT INTO Students
VALUES (12349,'Jess Tatz','JT', 'STEM Expo','MTH');
```

STUDENT_ID	STUDENT_NAME	STUDENT_INITIAL	EVENT_NAME	MAJOR_CODE
12345	Lindsay Cruz	LC	Biology Job Fair	BIO
12346	Corinne Badeer	CB	Biology Job Fair	BIO
123457	Oliveah Hope	OH	Engineering Seminar	PHY
12348	Benjamin Essensfeld	BE	STEM Expo	CHM
12349	Jess Tatz	JT	STEM Expo	MTH

<https://livesql.oracle.com/apex/livesql/s/m1nhfavdmgwugxtzdrchdw286>