

Week 5 solution

```
CREATE TABLE COURSE2(  
    Course_No      VARCHAR2(6),  
    Name           VARCHAR2(30) NOT NULL,  
    Unit           Number(2) NOT NULL,  
    CONSTRAINT pkCourse2 PRIMARY KEY (Course_No)  
);
```

```
CREATE TABLE STUDENT2(  
    Student_No     VARCHAR2(8),  
    Name           VARCHAR2(35) NOT NULL,  
    Total_Unit     Number(3) NOT NULL,  
    Coord_No       Number(2) NOT NULL,  
    CONSTRAINT pkStudent2 PRIMARY KEY (Student_No)  
);
```

```
CREATE TABLE GRADE2(  
    Student_No     VARCHAR2(8) NOT NULL,  
    Course_No      VARCHAR2(6) NOT NULL,  
    Grade          VARCHAR2(2) NOT NULL,  
    CONSTRAINT pkGrade2 PRIMARY KEY (Student_No,Course_No),  
    CONSTRAINT fkGradeStudent2 FOREIGN KEY (Student_No) REFERENCES  
STUDENT2(Student_No),  
    CONSTRAINT fkGradeCourse2 FOREIGN KEY (Course_No) REFERENCES  
COURSE2(Course_No)  
);
```

```
INSERT INTO course2 (Course_No,Name, Unit) VALUES ('HIT234','Database  
Concepts',10);  
INSERT INTO course2 (Course_No,Name, Unit) VALUES ('HIT700','Project',20);
```

```
INSERT INTO student2(Student_No ,Name, Total_Unit, Coord_No )  
VALUES('1234567','Jhon Red',230,22);  
INSERT INTO student2(Student_No ,Name, Total_Unit, Coord_No )  
VALUES('9994561','John Blue',120,25);  
INSERT INTO student2(Student_No ,Name, Total_Unit, Coord_No )  
VALUES('1233213','Dave Grey',40,22);
```

```
INSERT INTO Grade2(Student_No ,Course_No,Grade)VALUES  
( '1234567','HIT234','HD');  
INSERT INTO Grade2(Student_No ,Course_No,Grade)VALUES  
( '1234567','HIT700','P');  
INSERT INTO Grade2(Student_No ,Course_No,Grade)  
VALUES('9994561','HIT234','HD');
```