

Pass Task 5.1.4

Table - Students

```
1 CREATE TABLE Students
2 (
3     stud_id INT(10) UNSIGNED not null,
4     stud_name VARCHAR(30) not null,
5     stud_phone CHAR(11) not null,
6     stud_dob DATE not null,
7     stud_city CHAR(30) not null,
8     stud_address CHAR(100) not null,
9     stud_postcode SMALLINT UNSIGNED not null,
10
11     PRIMARY KEY (stud_id)
12 );
```

Table – Subjects

```
1 CREATE TABLE Subjects
2 (
3     subj_code CHAR(6) not null,
4     subj_title VARCHAR(30),
5
6     PRIMARY KEY (subj_code)
7 );
```

Table – Subject Enrolment

```
1 CREATE TABLE Subj_Enrolment
2 (
3     stud_id INT(10) UNSIGNED not null,
4     subj_code CHAR(6) not null,
5     semester SMALLINT UNSIGNED not null,
6     year YEAR not null,
7     comment VARCHAR(100) not null,
8
9     PRIMARY KEY (stud_id, subj_code, semester, year),
10    FOREIGN KEY (stud_id) REFERENCES Students(stud_id),
11    FOREIGN KEY (subj_code) REFERENCES Subjects(subj_code)
12 );
```

Table – Grades

```
1 CREATE TABLE Grades
2 (
3     stud_id INT(10) UNSIGNED not null,
4     subj_code CHAR(6) not null,
5     semester SMALLINT UNSIGNED not null,
6     year YEAR not null,
7     grade CHAR(2) not null,
8
9     PRIMARY KEY (stud_id, subj_code, semester, year),
10    FOREIGN KEY (stud_id) REFERENCES Students(stud_id),
11    FOREIGN KEY (subj_code) REFERENCES Subjects(subj_code)
12 );
```