# Task P5.1.4

## Create Student Table:

CREATE TABLE Student(

-> stud\_id MEDIUMINT(9) UNSIGNED NOT NULL,

-> stud\_name VARCHAR(30) NOT NULL,

-> stud\_phone MEDIUMINT(10) UNSIGNED NOT NULL,

-> stud\_date\_of\_birth DATE NOT NULL,

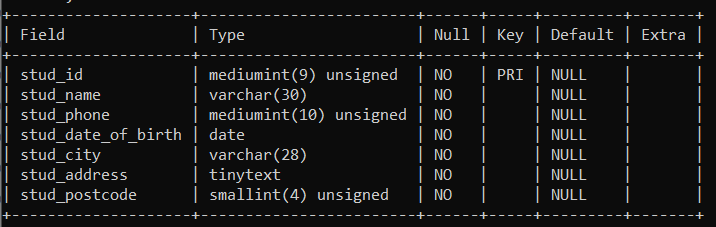
-> stud\_city VARCHAR(28) NOT NULL,

-> stud\_address TINYTEXT NOT NULL,

-> stud\_postcode SMALLINT(4) UNSIGNED NOT NULL,

-> PRIMARY KEY (stud\_id)

-> );



## Create Subject Table:

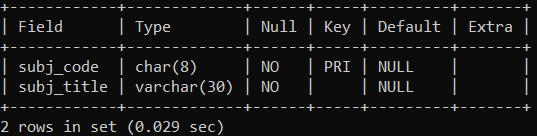
CREATE TABLE Subject(

-> subj\_code char(8) not null,

-> subj\_title varchar(30) not null,

-> PRIMARY KEY (subj\_code)

-> );



## Creating Student table:

CREATE TABLE Subj\_Enrolment(

stud\_id mediumint(9) unsigned not null,

subj\_code char(8) not null,

semester smallint(1) not null,

year YEAR not null,

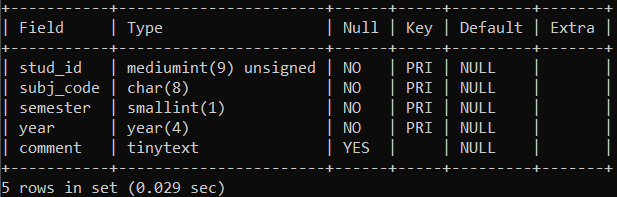
comment tinytext,

PRIMARY KEY (stud\_id, subj\_code, year, semester),

FOREIGN KEY (stud\_id) REFERENCES Student(stud\_id),

FOREIGN KEY (subj\_code) REFERENCES Subject(subj\_code)

);



## Create Grade Table:

CREATE TABLE Grade(

-> stud\_id MEDIUMINT(9) UNSIGNED NOT NULL,

-> subj\_code CHAR(8) NOT NULL,

-> semester SMALLINT(1),

-> year YEAR NOT NULL,

-> grade CHAR(2) NOT NULL,

-> PRIMARY KEY (stud\_id, subj\_code, year, semester),

-> FOREIGN KEY (stud\_id) REFERENCES Student(stud\_id),

-> FOREIGN KEY (subj\_code) REFERENCES Subject(subj\_code),

-> ADD FOREIGN KEY (semester, year) REFERENCES subj\_enrolment (semester, year)

-> );

