1. CREATE TABLE student with 5 columns

stu\_id which is PRIMARY KEY,   
 stu\_pps number which is UNIQUE and NOT NULL,   
 stu\_fname where first name can be NULL   
 stu\_sname is to be NOT NULL,   
 stu\_gender which has allowable values of M or F.

1. Define the primary KEY at table level.
2. Define the ‘unique’ and ‘not null’ at column level.
3. Define gender as an ENUM with an allowable value of M, m, F or f.
4. Write SQL code to create above table:

Execute code from menu bar  or the Tool bar or use key short cut (Ctrl and Enter key - fastest).

If any error, check output pane and review SQL code.

1. Check your table was create using the ‘**Show tables;**’ command and check the structure using the ‘**desc student;** command.

1. Inputting Data

Add the following records to the student table one at time (i.e. execute one at a time.)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| K10023  a.  b.  c.  d.  e.  f.  g. | P10089 | John | Barry | M |
| K10025 | P10355 | Jim | Ryan | M |
| K10045 | P10089 | Mary | Bishop | F |
| K10023 | P10034 | Mark | O’Carroll | X |
| K12234 | P12334 | Frank |  | m |
| K11122 | P10345 |  | Ryan | f |
| K10023 | P10032 | Grace | Black | F |

1. If a row wasn’t enter, check the output pane and record the error below. To view records use the SQL command **SELECT \* FROM student;**

C Did not enter as there was a duplicate entry on the pps number

D Did not enter as there was a duplicate entry on the K number and the gender isn’t a valid value

E Did not enter as there was a null value on student