

Q2. Create a student table in MySQL DB from Java with the below mentioned columns in the student table. Read the xml document from input.txt (sample input.txt as provided below) and insert the students list from the xml document to the student table in MySQL.

Student Table Columns:

id: Number (Roll number from xml document) (primary key)

Name: String (firstname + middlename from xml document)

Surname: String (lastname from xml document)

Gender: string (gender from xml document)

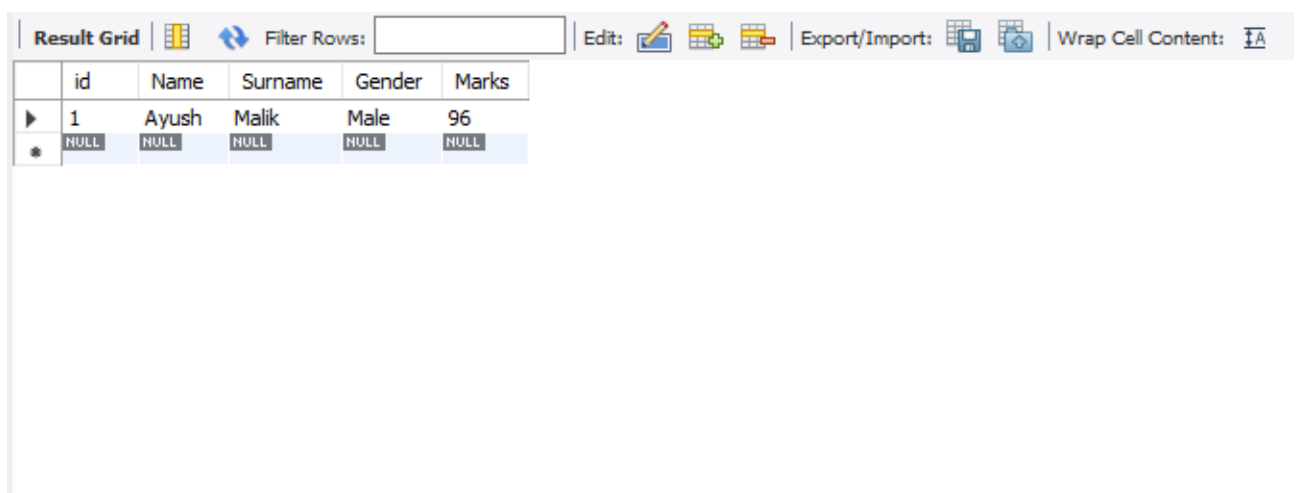
Marks: Float (marks from xml document)

Creation of Schema and Table

```
CREATE SCHEMA `student`;
```










```
CREATE TABLE `student`.`student` (  
  `id` INT NOT NULL,  
  `Name` VARCHAR(30) NOT NULL,  
  `Surname` VARCHAR(30) NOT NULL,  
  `Gender` VARCHAR(8) NULL,  
  `Marks` FLOAT NULL,  
  PRIMARY KEY (`id`));
```

Student Table before execution of Main. Java code:



	id	Name	Surname	Gender	Marks
▶	1	Ayush	Malik	Male	96
*	NULL	NULL	NULL	NULL	NULL

Student Table before execution of Main. Java code:

Result Grid			Filter Rows: <input type="text"/>	Edit: 			Export/Import: 		Wrap Cell Content: 
	id	Name	Surname	Gender	Marks				
	1	Ayush	Malik	Male	96				
	2	Krishna Tarun	Tenneti	Male	90				
*	NULL	NULL	NULL	NULL	NULL				