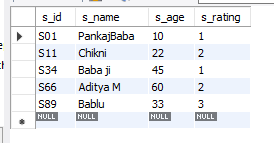
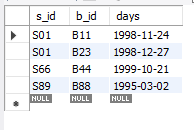
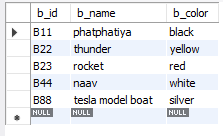
**Database System Practical 8**

**Tables:**

**Sailors:** **Reserves:**

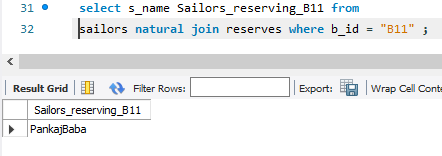
 

**Boats:**

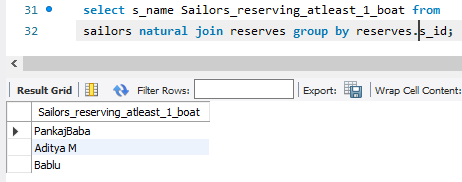


* **Using natural join:**

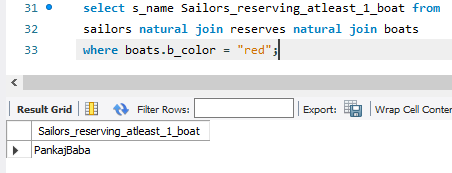
1. **Find names of sailors who have reserved boat number B11.**



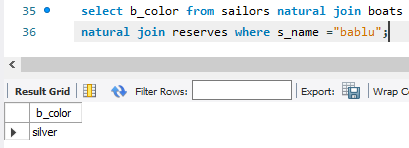
1. **Find names of sailors who have reserved at least one boat.**



1. **Find names of sailors who have reserved a red boat.**

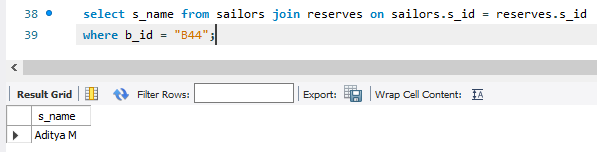


1. **Find the colors of boat reserved by Bablu.**

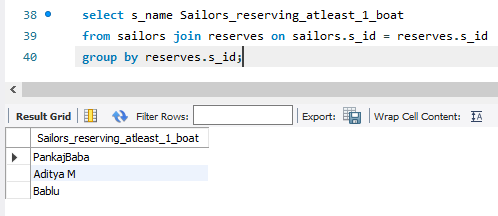


* **Using Equi join:**

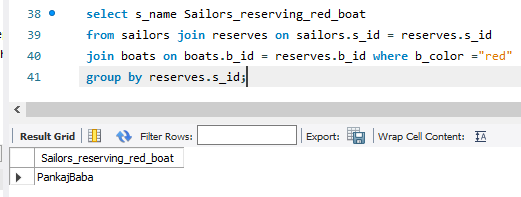
1. **Find names of sailors who have reserved boat number B44**



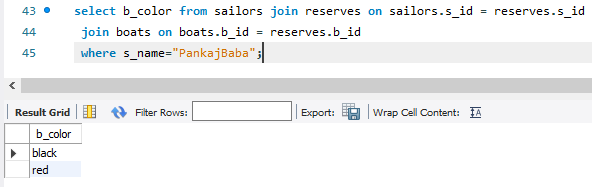
1. **Find names of sailors who have reserved at least one boat**



1. **Find names of sailors who have reserved a red boat**

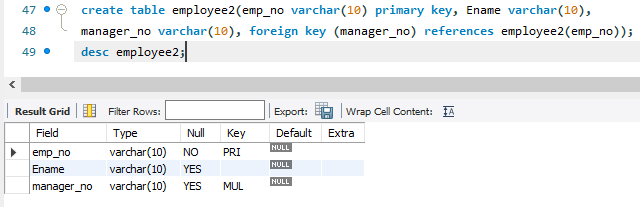


1. **Find the colors of boat reserved by Pankaj Baba**



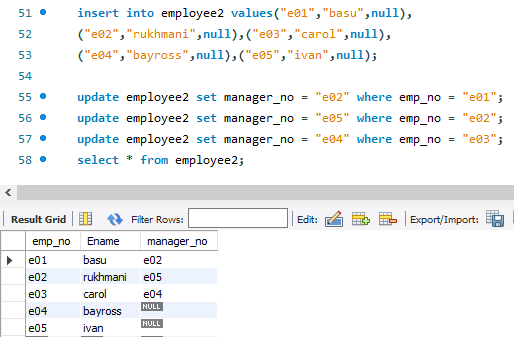
* **Self-join:**

1. **Create a table employee (emp\_no, name, manager\_no) where emp\_no is the primary key and manager\_no is the foreign key.**

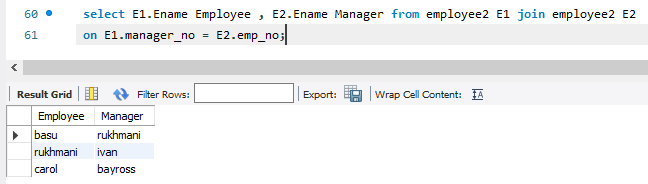


1. **Insert following rows:**

|  |  |  |
| --- | --- | --- |
| **emp\_no** | **name** | **manager\_no** |
| **e01** | **basu** | **e02** |
| **e02** | **rukmani** | **e05** |
| **e03** | **carol** | **e04** |
| **e04** | **bayross** | **null** |
| **e05** | **ivan** | **null** |

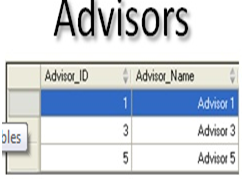
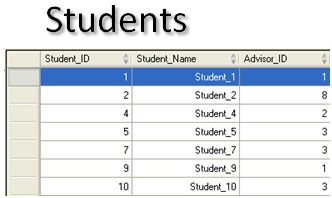


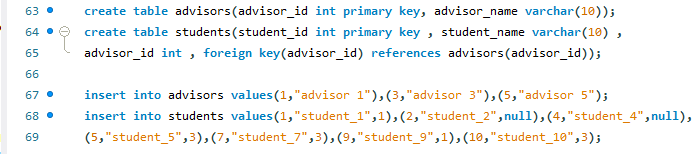
1. **Execute a query to retrieve names of the employees and the name of their respective managers from the employee table.**

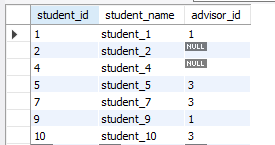
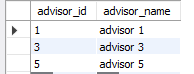


* **Outer join:**

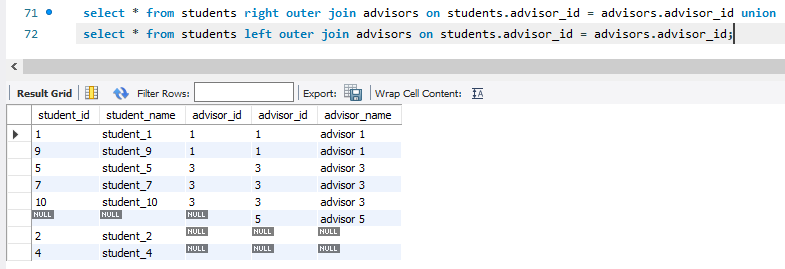
1. **Create tables and insert these rows:**



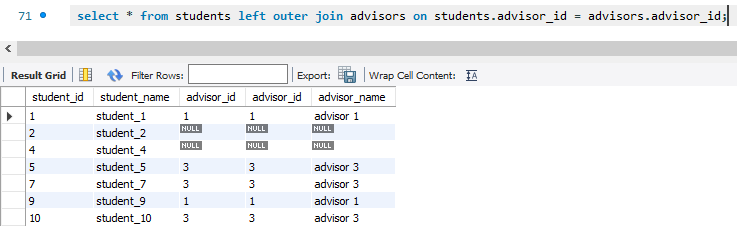




1. **Query for retrieving the student details along with their advisory detail**



1. **Query for retrieving the details of all the student along with details of advisory (using outer join)**



1. **Query for retrieving the details of student along with details of all the advisory (using outer join)**

