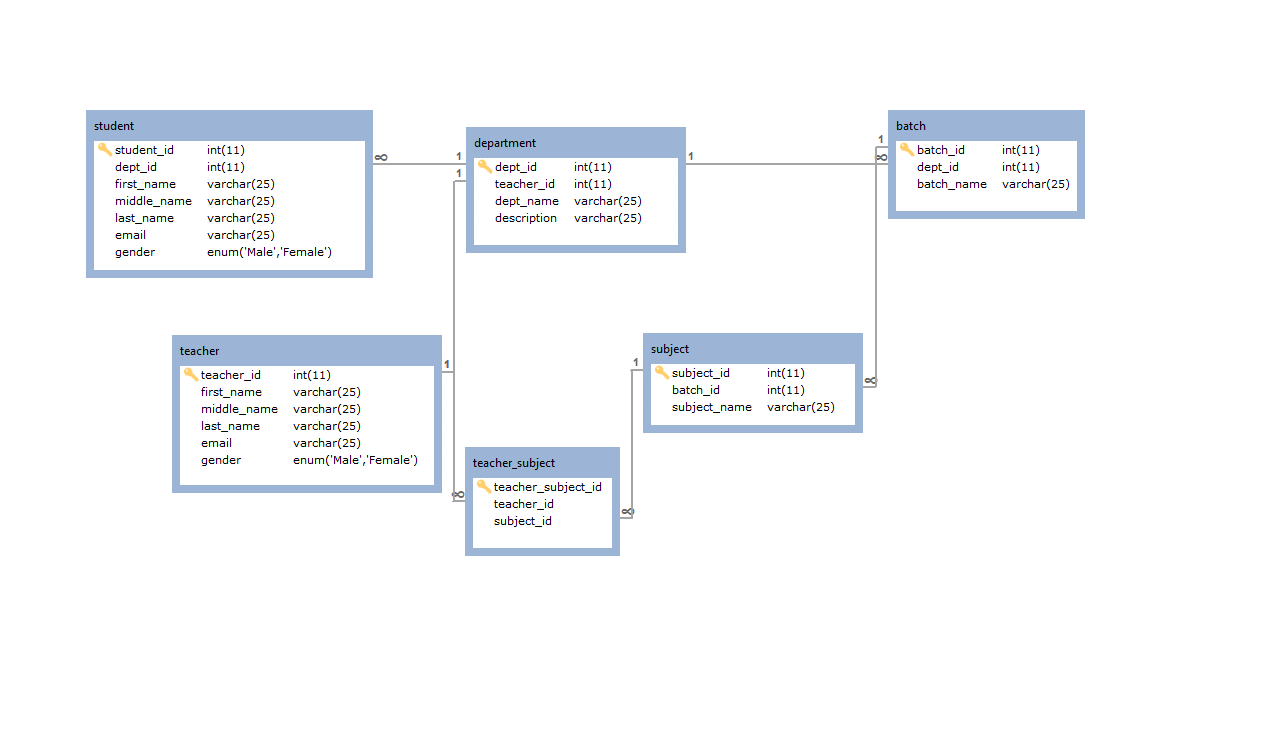
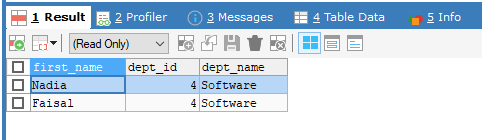
**Student, Department, Batch, Teacher & Subject Scenario**

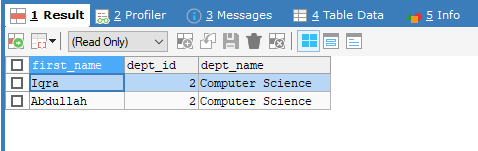


Query #1



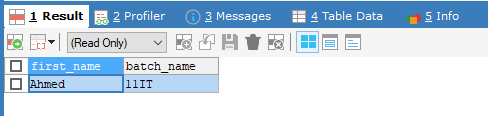
SELECT student.`first\_name`, student.`dept\_id`, department.`dept\_name` FROM student INNER JOIN department ON student.dept\_id = department.`dept\_id`WHERE department.`dept\_name`='Software';

Query #2



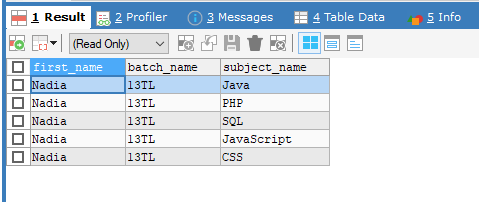
SELECT student.`first\_name`, student.`dept\_id`, department.`dept\_name` FROM student INNER JOIN department ON student.dept\_id = department.`dept\_id`WHERE student.`dept\_id` = 2;

Query #3



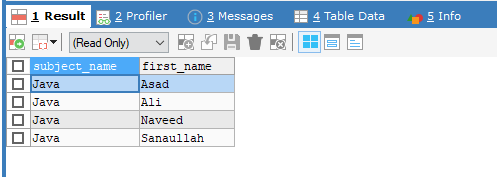
SELECT student.`first\_name`, batch.`batch\_name` FROM student INNER JOIN department ON (student.dept\_id = department.`dept\_id`) INNER JOIN batch ON (department.`dept\_id`=batch.`dept\_id`) WHERE student.`first\_name`='Ahmed';

Query #4



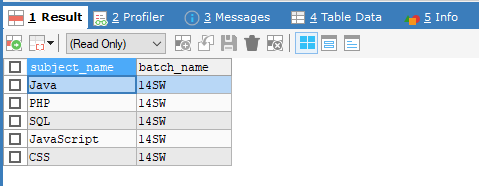
SELECT student.`first\_name`, batch.`batch\_name`, subjects.`subject\_name` FROM student, batch, subjects WHERE student.`student\_id`=4 AND batch.`batch\_id`= 2;

Query #5



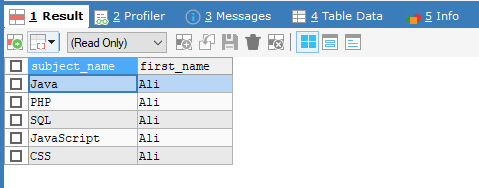
SELECT subjects.`subject\_name`, teacher.`first\_name` FROM subjects, teacher WHERE subjects.`subject\_id`= 1;

Query #6



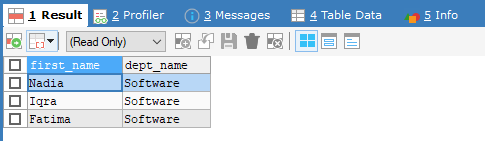
SELECT subjects.`subject\_name`, batch.`batch\_name` FROM subjects, batch WHERE batch.`batch\_id`=1;

Query #7



SELECT subjects.`subject\_name`, teacher.`first\_name` FROM subjects, teacher WHERE teacher.`first\_name`='Ali';

Query #8



SELECT student.`first\_name`, department.`dept\_name` FROM student, department WHERE student.`gender`='Female' AND department.`dept\_name`='Software';

Query #9

No answer.