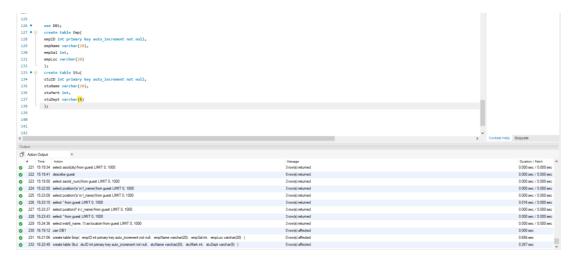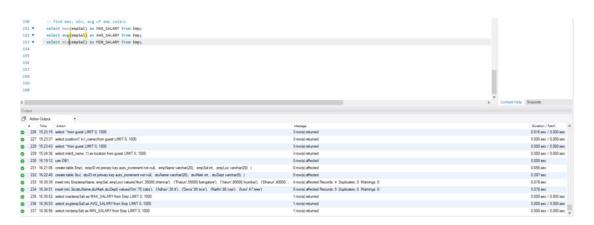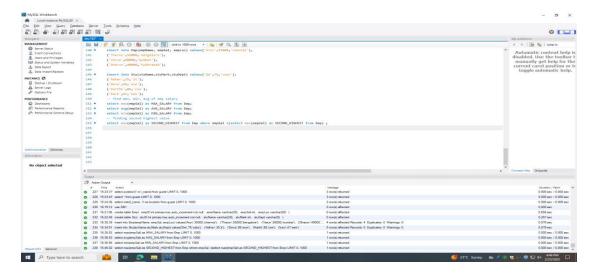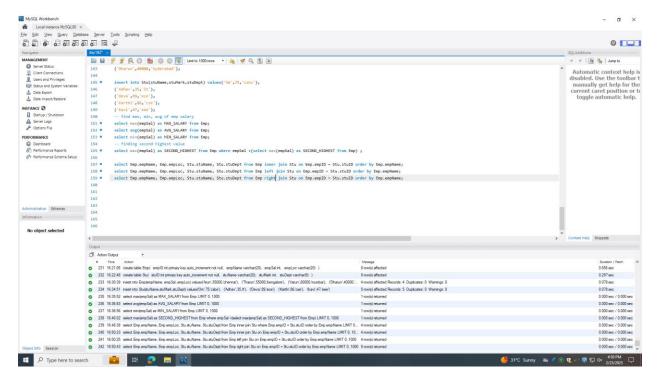1. Create new table more than one
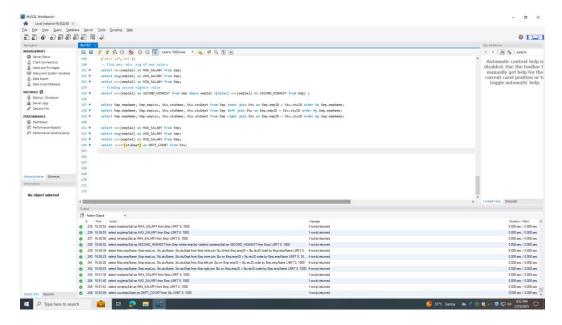

2. Subquery to find max and min salary

3. Fing the second highest salary using sub query or limit

4. Write a query for implementing the all the joins with order by or group by

5. Write a query to implementing all aggregate functions

6. Write a query using all string functions

```
157 •   select Emp.empName, Emp.empLoc, Stu.stuName, Stu.stuDept from Emp inner join Stu on Emp.empID = Stu.stuID order by Emp.empName;
158 •   select Emp.empName, Emp.empLoc, Stu.stuName, Stu.stuDept from Emp left join Stu on Emp.empID = Stu.stuID order by Emp.empName;
159 •   select Emp.empName, Emp.empLoc, Stu.stuName, Stu.stuDept from Emp right join Stu on Emp.empID = Stu.stuID order by Emp.empName;
160
161 •   select max(empSal) as MAX_SALARY from Emp;
162 •   select avg(empSal) as AVG_SALARY from Emp;
163 •   select min(empSal) as MIN_SALARY from Emp;
164 •   select count(stuDept) as DEPT_COUNT from Stu;
165
166
167 •   select concat(Emp.empName,' ',Stu.stuName) CONCAT from Emp, Stu where Emp.empID = Stu.stuID;
168 •   select substring(empName,1,3) SUBNAME from Emp;
169 •   select upper(empName) as UPPER from Emp;
170 •   select lower(stuName) as LOWER from Stu;
171 •   select position('a' in stuName) as POSITION from Stu;
172 •   select trim(stuName) as LOWER from Stu;
173
174
175
176
177
178
179
180
```

SQLAdditions

Automatic context help is disabled. Use the toolbar t manually get help for the current caret position or t toggle automatic help.

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
244	16:51:40	select avg(empSal) as AVG_SALARY from Emp LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
245	16:51:42	select min(empSal) as MIN_SALARY from Emp LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
246	16:52:09	select count(stuDept) as DEPT_COUNT from Stu LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
247	16:54:39	select concat(Emp.empName,' ',Stu.stuName) from Emp, Stu LIMIT 0, 1000	20 row(s) returned	0.000 sec / 0.000 sec
248	16:55:32	select concat(Emp.empName,' ',Stu.stuName) CONCAT from Emp, Stu where Emp.empID = Stu.stuID LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
249	16:56:12	select substring(empName,1,2) SUBNAME from Emp LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
250	16:56:17	select substring(empName,1,3) SUBNAME from Emp LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
251	16:57:03	select upper(empName) as UPPER from Emp LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
252	16:57:24	select lower(stuName) as LOWER from Stu LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
253	17:01:24	select position('a',stuName) as POSITION from Stu	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use ne...	0.000 sec
254	17:02:02	select position('a' in stuName) as POSITION from Stu LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
255	17:02:27	select trim(stuName) as LOWER from Stu LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec