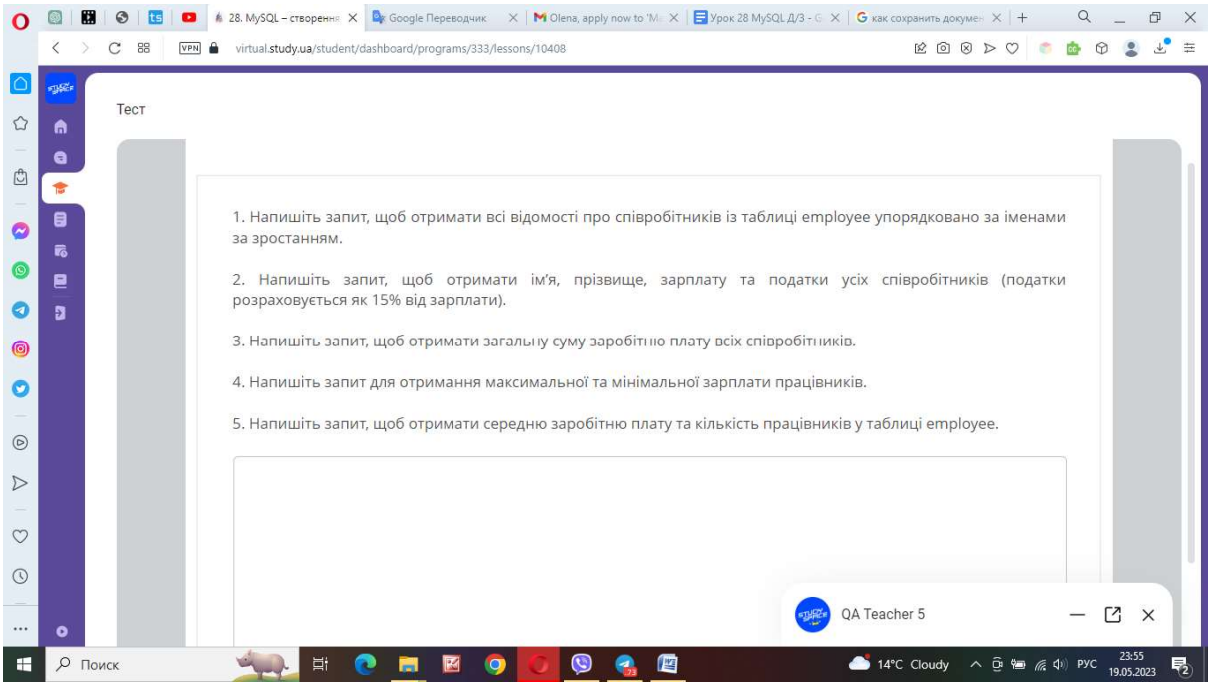
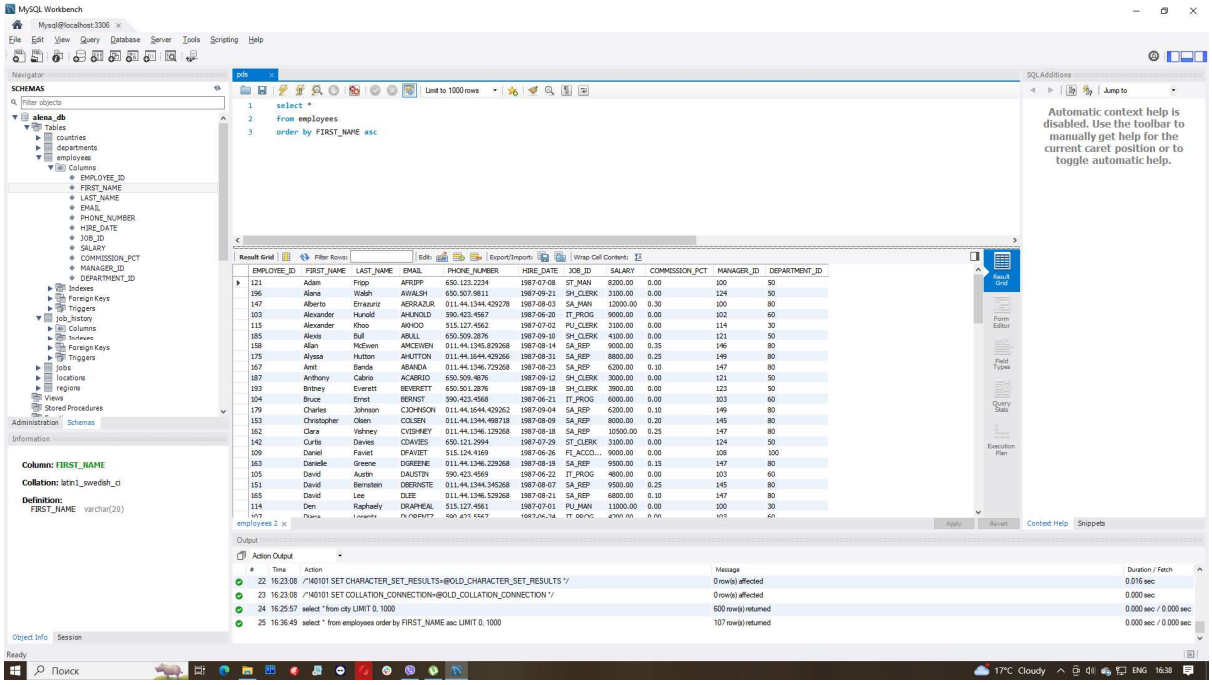
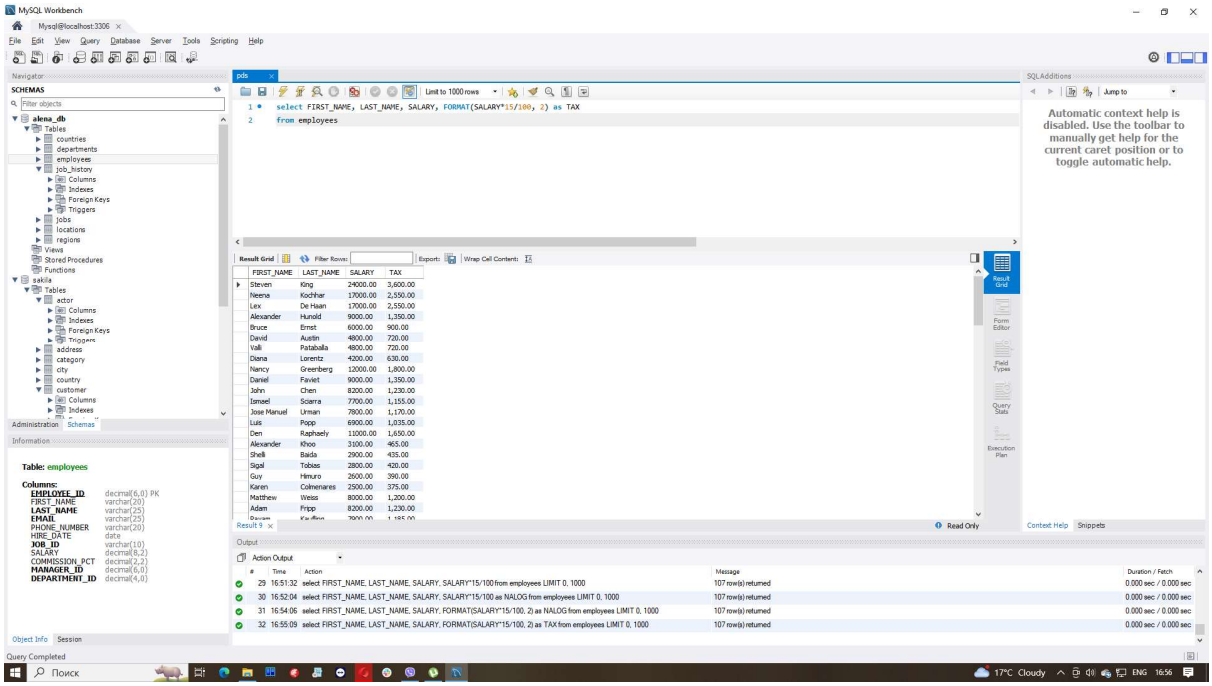
23_MySQL


Тест
1. Напишіть запит, щоб отримати всі відомості про співробітників із таблиці employee упорядковано за іменами за зростанням.
2. Напишіть запит, щоб отримати ім'я, прізвище, зарплату та податки усіх співробітників (податки розраховуються як 15% від зарплати).
3. Напишіть запит, щоб отримати загальну суму заробітної плати всіх співробітників.
4. Напишіть запит для отримання максимальної та мінімальної зарплати працівників.
5. Напишіть запит, щоб отримати середню заробітну плату та кількість працівників у таблиці employee.
QA Teacher 5
Поиск
14°C Cloudy
РУС
23:55
19.05.2023

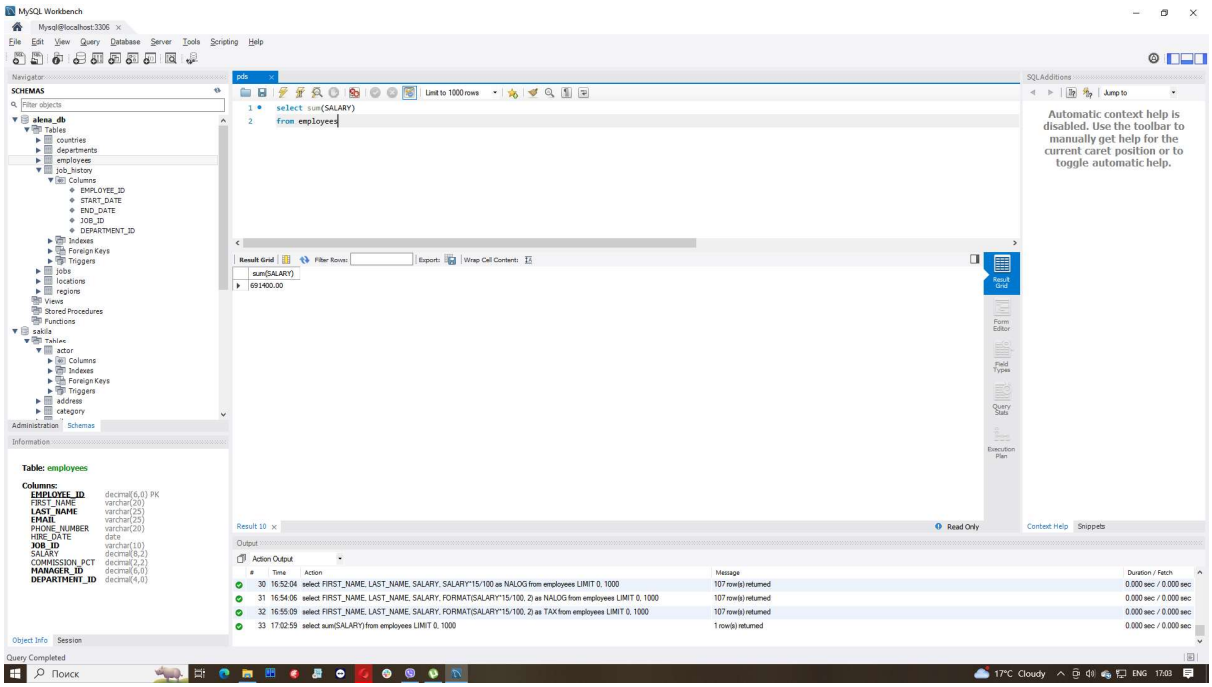
1.


MySQL Workbench
select *
from employees
order by FIRST_NAME asc
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Поиск

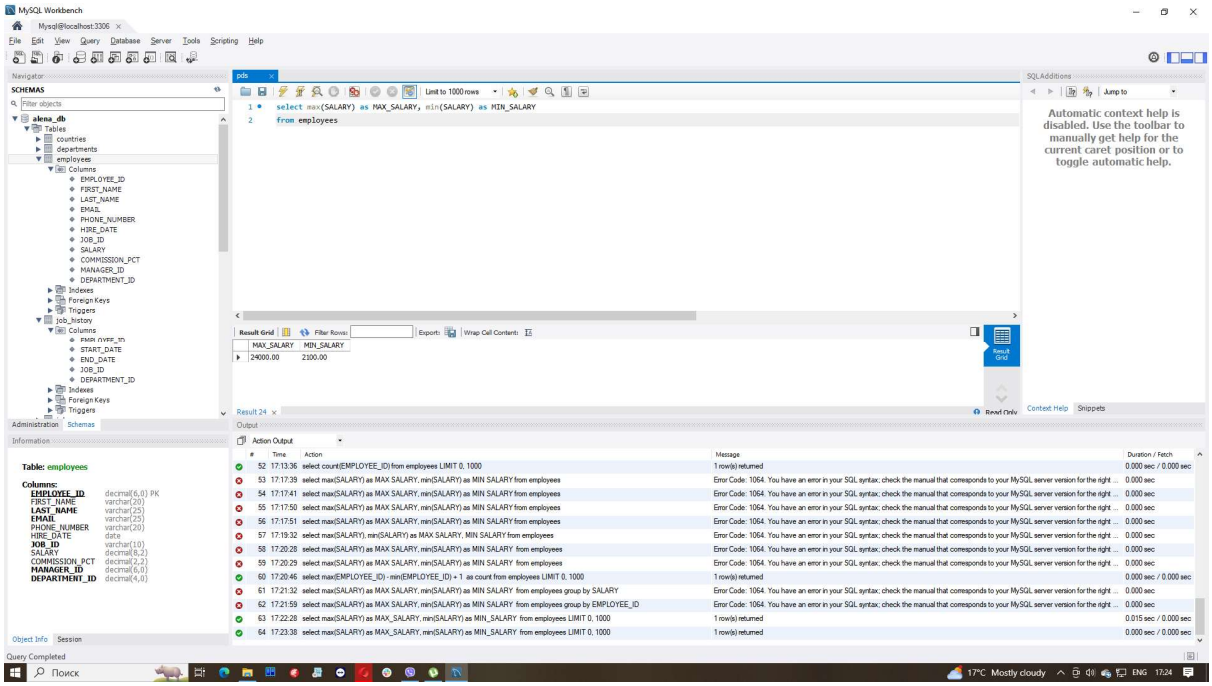
2.


MySQL Workbench
select FIRST_NAME, LAST_NAME, SALARY, FORMAT(SALARY*15/100, 2) as TAX
from employees
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Table: employees
Columns:
EMPLOYEE_ID decimal(6,0) PK
FIRST_NAME varchar(20)
LAST_NAME varchar(25)
EMAIL varchar(25)
PHONE_NUMBER varchar(20)
HIRE_DATE date
JOB_ID varchar(10)
SALARY decimal(8,2)
COMMISSION_PCT decimal(2,2)
MANAGER_ID decimal(6,0)
DEPARTMENT_ID decimal(4,0)

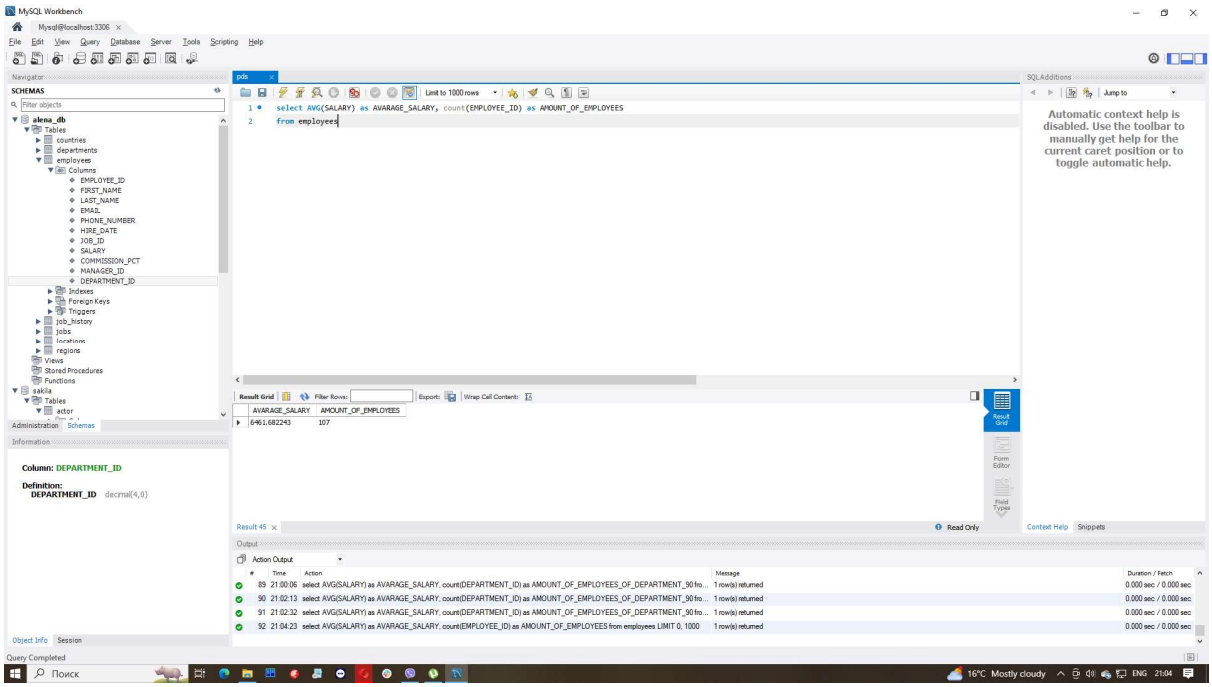
3.

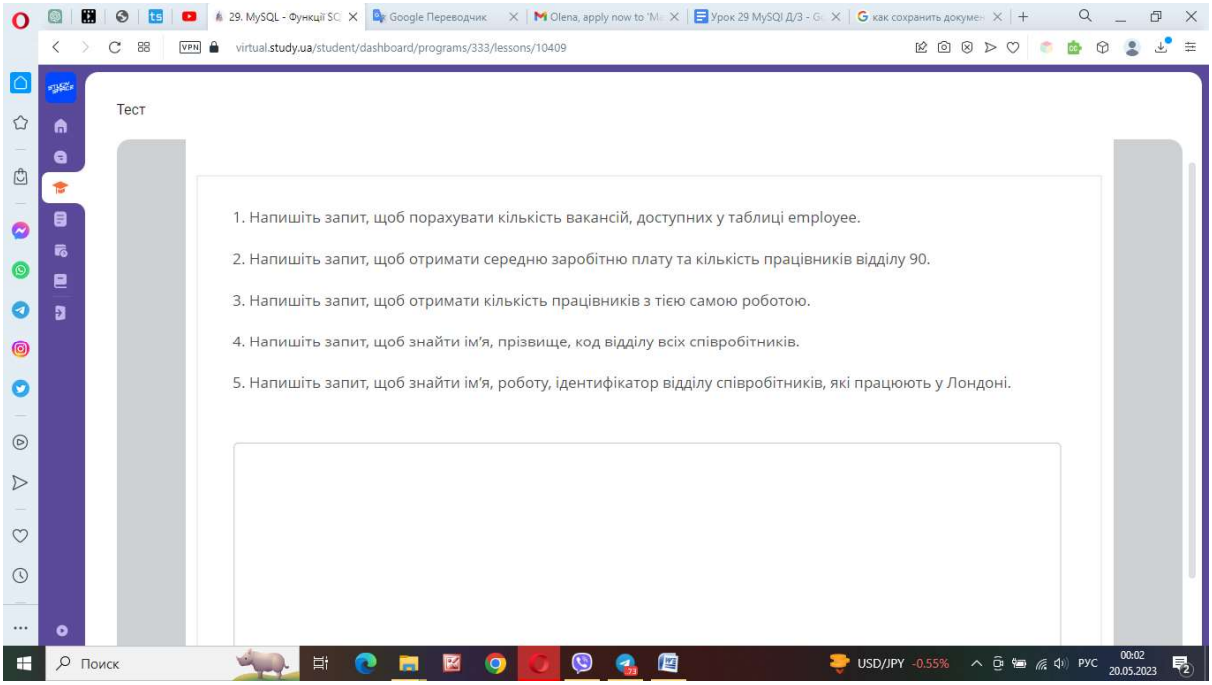

MySQL Workbench
select sum(SALARY)
from employees
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Table: employees
Columns:
EMPLOYEE_ID decimal(6,0) PK
FIRST_NAME varchar(20)
LAST_NAME varchar(25)
EMAIL varchar(25)
PHONE_NUMBER varchar(20)
HIRE_DATE date
JOB_ID varchar(10)
SALARY decimal(8,2)
COMMISSION_PCT decimal(2,2)
MANAGER_ID decimal(6,0)
DEPARTMENT_ID decimal(4,0)

4.

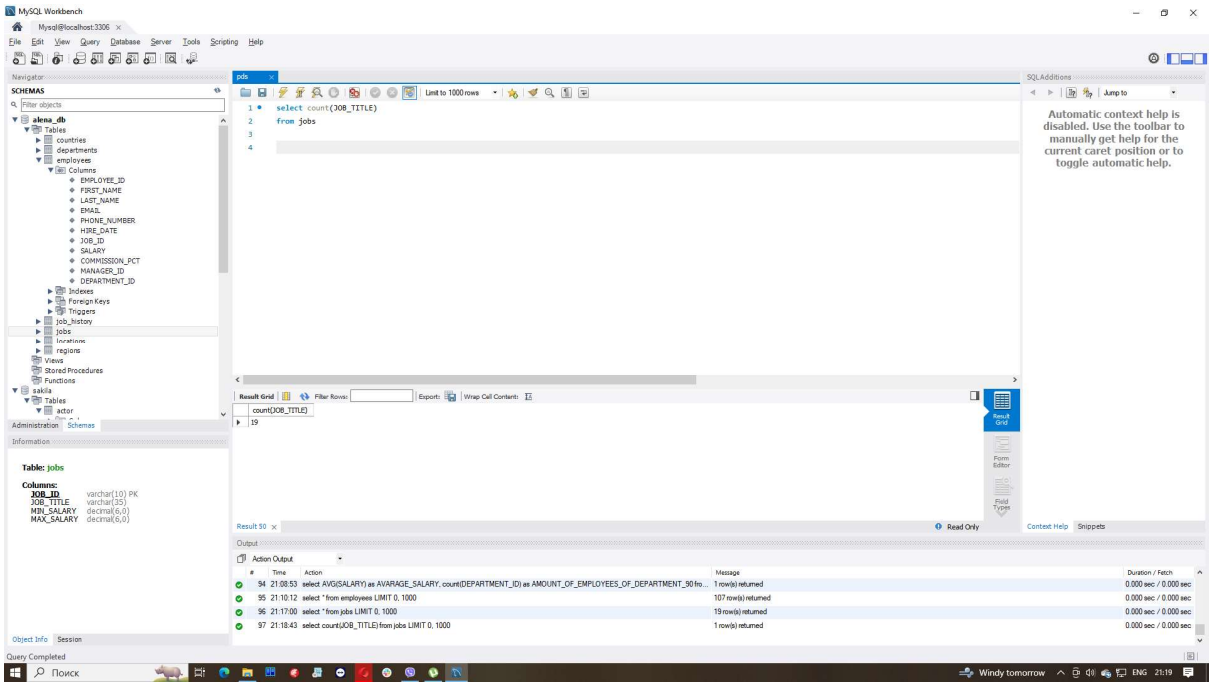

MySQL Workbench
Mysql@localhost:3306
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
alena_db
Tables
countries
departments
employees
Columns
EMPLOYEE_ID
FIRST_NAME
LAST_NAME
EMAIL
PHONE_NUMBER
HIRE_DATE
JOB_ID
SALARY
COMMISSION_PCT
MANAGER_ID
DEPARTMENT_ID
Indexes
Foreign Keys
Triggers
job_history
Administration Schemas
Information
Table: employees
Columns:
EMPLOYEE_ID decimal(6,0) PK
FIRST_NAME varchar(20)
LAST_NAME varchar(25)
EMAIL varchar(25)
PHONE_NUMBER varchar(20)
HIRE_DATE date
JOB_ID varchar(10)
SALARY decimal(8,2)
COMMISSION_PCT decimal(2,2)
MANAGER_ID decimal(6,0)
DEPARTMENT_ID decimal(4,0)
Object Info Session
pds
Limit to 1000 rows
1 select max(SALARY) as MAX_SALARY, min(SALARY) as MIN_SALARY
2 from employees
Result Grid Filter Rows: Export: Wrap Cell Content:
MAX_SALARY MIN_SALARY
24000.00 2100.00
Result 24
Read Only
SQLAdditions
Jump to
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
52 17:13:36 select count(EMPLOYEE_ID) from employees LIMIT 0, 1000 1 row(s) returned 0.000 sec / 0.000 sec
53 17:17:39 select max(SALARY) as MAX_SALARY, min(SALARY) as MIN SALARY from employees Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right ... 0.000 sec
54 17:17:41 select max(SALARY) as MAX_SALARY, min(SALARY) as MIN SALARY from employees Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right ... 0.000 sec
55 17:17:50 select max(SALARY) as MAX_SALARY, min(SALARY) as MIN SALARY from employees Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right ... 0.000 sec
56 17:17:51 select max(SALARY) as MAX_SALARY, min(SALARY) as MIN SALARY from employees Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right ... 0.000 sec
57 17:19:32 select max(SALARY), min(SALARY) as MAX SALARY, MIN SALARY from employees Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right ... 0.000 sec
58 17:20:28 select max(SALARY) as MAX_SALARY, min(SALARY) as MIN SALARY from employees Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right ... 0.000 sec
59 17:20:29 select max(SALARY) as MAX SALARY, min(SALARY) as MIN SALARY from employees Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right ... 0.000 sec
60 17:20:46 select max(EMPLOYEE_ID) - min(EMPLOYEE_ID) + 1 as count from employees LIMIT 0, 1000 1 row(s) returned 0.000 sec / 0.000 sec
61 17:21:32 select max(SALARY) as MAX SALARY, min(SALARY) as MIN SALARY from employees group by SALARY Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right ... 0.000 sec
62 17:21:59 select max(SALARY) as MAX SALARY, min(SALARY) as MIN SALARY from employees group by EMPLOYEE_ID Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right ... 0.000 sec
63 17:22:28 select max(SALARY) as MAX_SALARY, min(SALARY) as MIN_SALARY from employees LIMIT 0, 1000 1 row(s) returned 0.015 sec / 0.000 sec
64 17:23:38 select max(SALARY) as MAX_SALARY, min(SALARY) as MIN_SALARY from employees LIMIT 0, 1000 1 row(s) returned 0.000 sec / 0.000 sec
Query Completed
Поиск
17°C Mostly cloudy
ENG 17:24

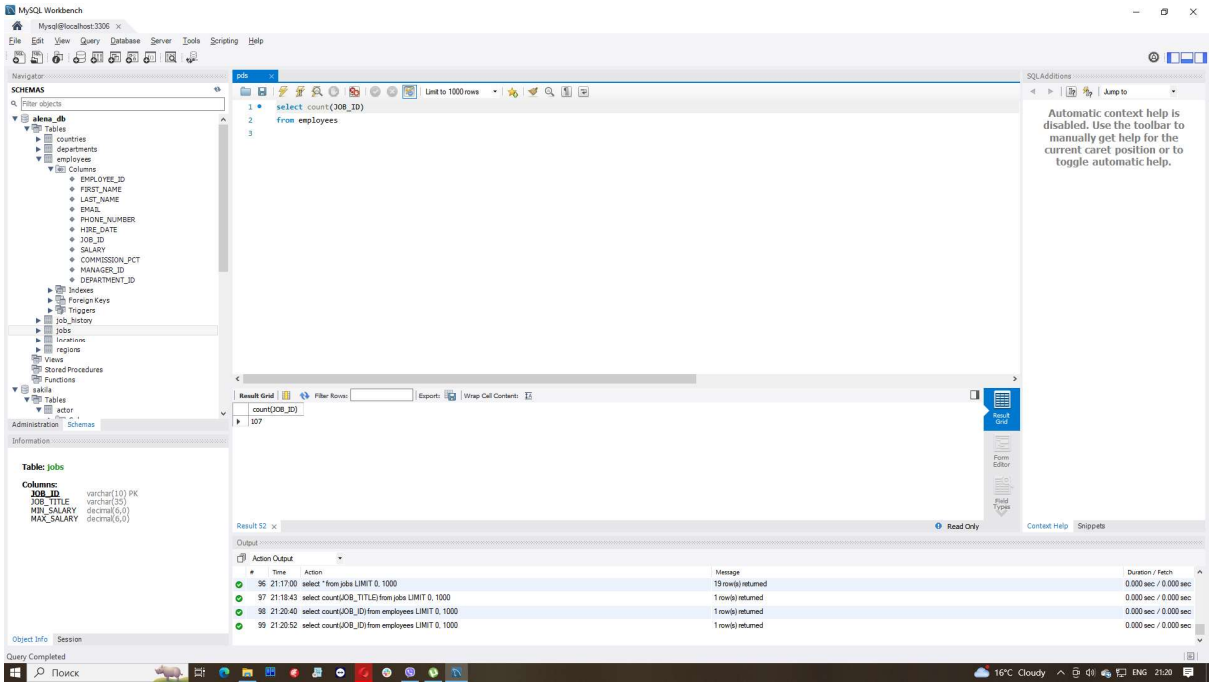
5.


MySQL Workbench
Mysql@localhost:3306
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
alena_db
Tables
countries
departments
employees
Columns
EMPLOYEE_ID
FIRST_NAME
LAST_NAME
EMAIL
PHONE_NUMBER
HIRE_DATE
JOB_ID
SALARY
COMMISSION_PCT
MANAGER_ID
DEPARTMENT_ID
Indexes
Foreign Keys
Triggers
job_history
jobs
locations
regions
Views
Stored Procedures
Functions
sakila
Tables
actor
Administration Schemas
Information
Column: DEPARTMENT_ID
Definition:
DEPARTMENT_ID decimal(4,0)
Object Info Session
pds
Limit to 1000 rows
1 select AVG(SALARY) as AVARAGE_SALARY, count(EMPLOYEE_ID) as AMOUNT_OF_EMPLOYEES
2 from employees
Result Grid Filter Rows: Export: Wrap Cell Content:
AVARAGE_SALARY AMOUNT_OF_EMPLOYEES
6461.682243 107
Result 45
Read Only
SQLAdditions
Jump to
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
89 21:00:06 select AVG(SALARY) as AVARAGE_SALARY, count(DEPARTMENT_ID) as AMOUNT_OF_EMPLOYEES_OF_DEPARTMENT_90 fro... 1 row(s) returned 0.000 sec / 0.000 sec
90 21:02:13 select AVG(SALARY) as AVARAGE_SALARY, count(DEPARTMENT_ID) as AMOUNT_OF_EMPLOYEES_OF_DEPARTMENT_90 fro... 1 row(s) returned 0.000 sec / 0.000 sec
91 21:02:32 select AVG(SALARY) as AVARAGE_SALARY, count(DEPARTMENT_ID) as AMOUNT_OF_EMPLOYEES_OF_DEPARTMENT_90 fro... 1 row(s) returned 0.000 sec / 0.000 sec
92 21:04:23 select AVG(SALARY) as AVARAGE_SALARY, count(EMPLOYEE_ID) as AMOUNT_OF_EMPLOYEES from employees LIMIT 0, 1000 1 row(s) returned 0.000 sec / 0.000 sec
Query Completed
Поиск
16°C Mostly cloudy
ENG 21:04

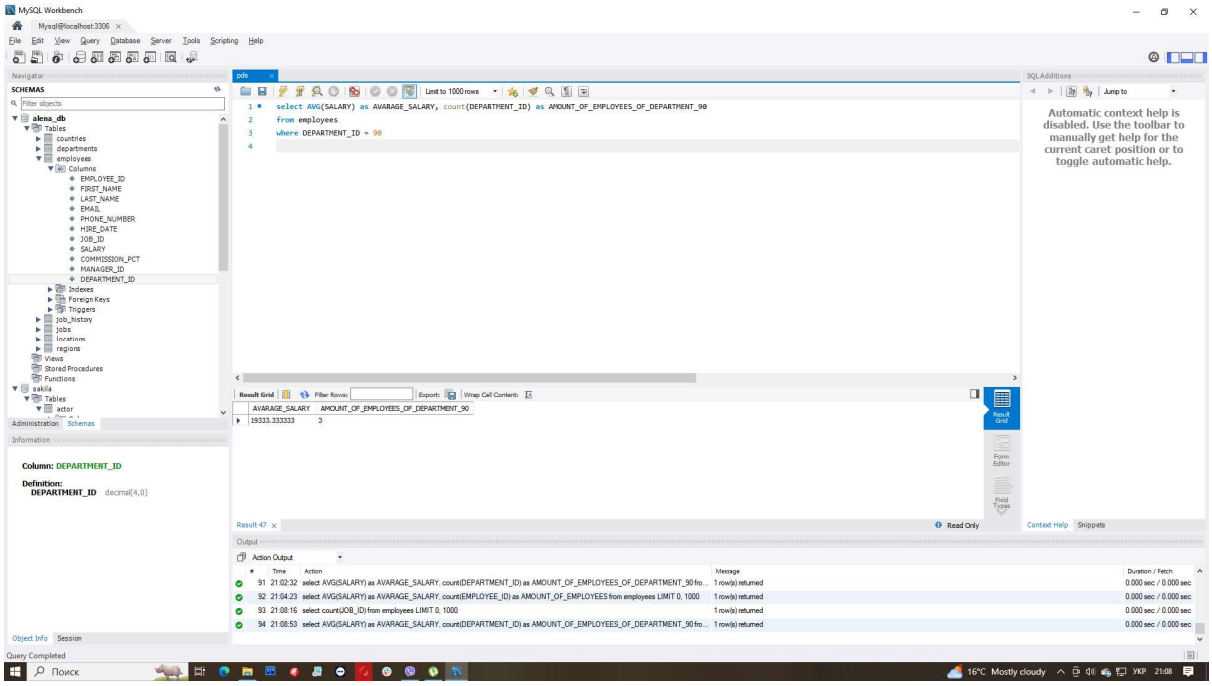

virtual.study.ua/student/dashboard/programs/333/lessons/10409
Тест
1. Напишіть запит, щоб порахувати кількість вакансій, доступних у таблиці employee.
2. Напишіть запит, щоб отримати середню заробітню плату та кількість працівників відділу 90.
3. Напишіть запит, щоб отримати кількість працівників з тією самою роботою.
4. Напишіть запит, щоб знайти ім'я, прізвище, код відділу всіх співробітників.
5. Напишіть запит, щоб знайти ім'я, роботу, ідентифікатор відділу співробітників, які працюють у Лондоні.
Поиск
USD/JPY -0.55%
РУС
00:02
20.05.2023

1.

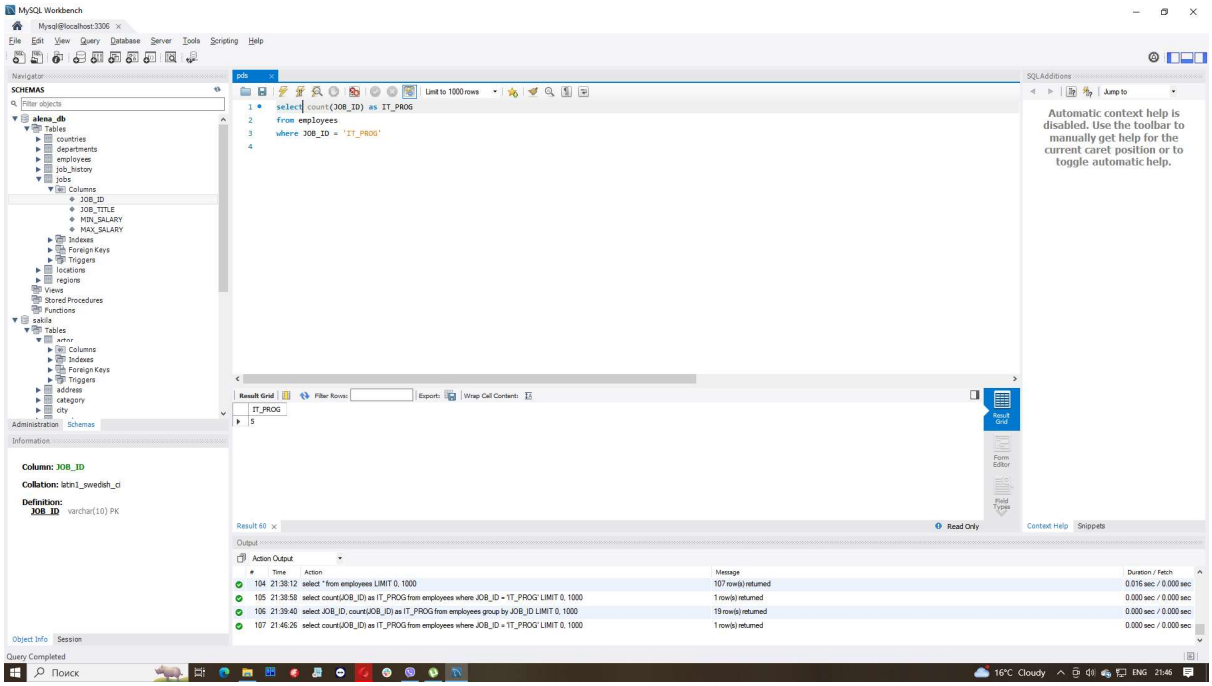

MySQL Workbench
select count(JOB_TITLE)
from jobs
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Table: jobs
Columns:
JOB_ID varchar(10) PK
JOB_TITLE varchar(35)
MIN_SALARY decimal(6,0)
MAX_SALARY decimal(6,0)
Query Completed
Поиск
Windy tomorrow

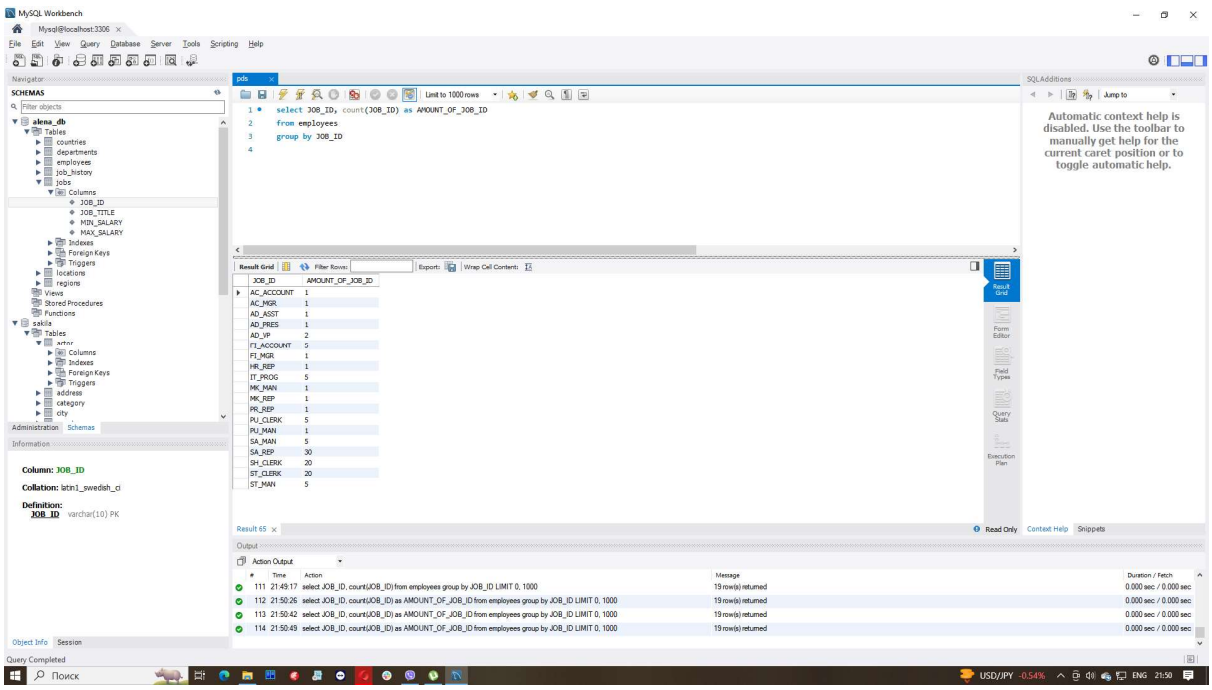

MySQL Workbench
select count(JOB_ID)
from employees
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Table: jobs
Columns:
JOB_ID varchar(10) PK
JOB_TITLE varchar(35)
MIN_SALARY decimal(6,0)
MAX_SALARY decimal(6,0)
count(JOB_ID)
107
95 21:17:00 select * from jobs LIMIT 0, 1000 19 row(s) returned
97 21:18:43 select count(JOB_TITLE) from jobs LIMIT 0, 1000 1 row(s) returned
98 21:20:40 select count(JOB_ID) from employees LIMIT 0, 1000 1 row(s) returned
99 21:20:52 select count(JOB_ID) from employees LIMIT 0, 1000 1 row(s) returned
Query Completed

2.

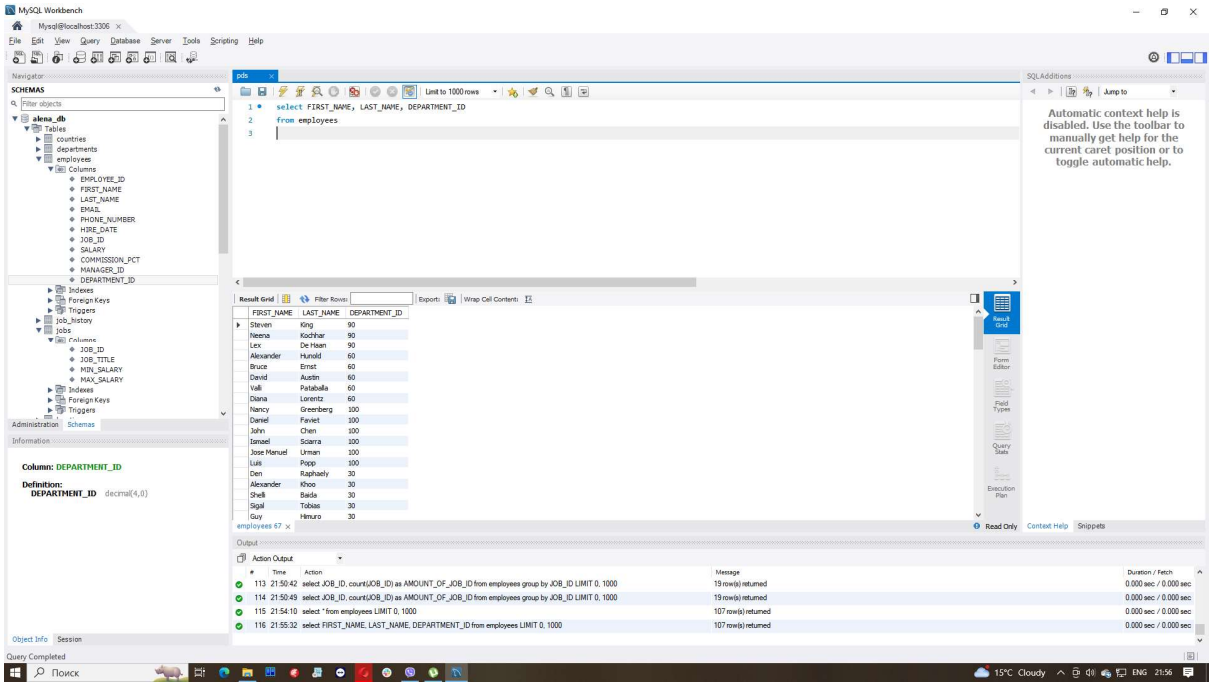

MySQL Workbench
select AVG(SALARY) as AVARAGE_SALARY, count(DEPARTMENT_ID) as AMOUNT_OF_EMPLOYEES_OF_DEPARTMENT_90
from employees
where DEPARTMENT_ID = 90
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Column: DEPARTMENT_ID
Definition:
DEPARTMENT_ID decimal(4,0)
AVARAGE_SALARY AMOUNT_OF_EMPLOYEES_OF_DEPARTMENT_90
19333.333333 3
91 21:02:32 select AVG(SALARY) as AVARAGE_SALARY, count(DEPARTMENT_ID) as AMOUNT_OF_EMPLOYEES_OF_DEPARTMENT_90 fro... 1 row(s) returned
92 21:04:23 select AVG(SALARY) as AVARAGE_SALARY, count(EMPLOYEE_ID) as AMOUNT_OF_EMPLOYEES from employees LIMIT 0, 1000 1 row(s) returned
93 21:08:16 select count(JOB_ID) from employees LIMIT 0, 1000 1 row(s) returned
94 21:08:53 select AVG(SALARY) as AVARAGE_SALARY, count(DEPARTMENT_ID) as AMOUNT_OF_EMPLOYEES_OF_DEPARTMENT_90 fro... 1 row(s) returned
Query Completed

3.

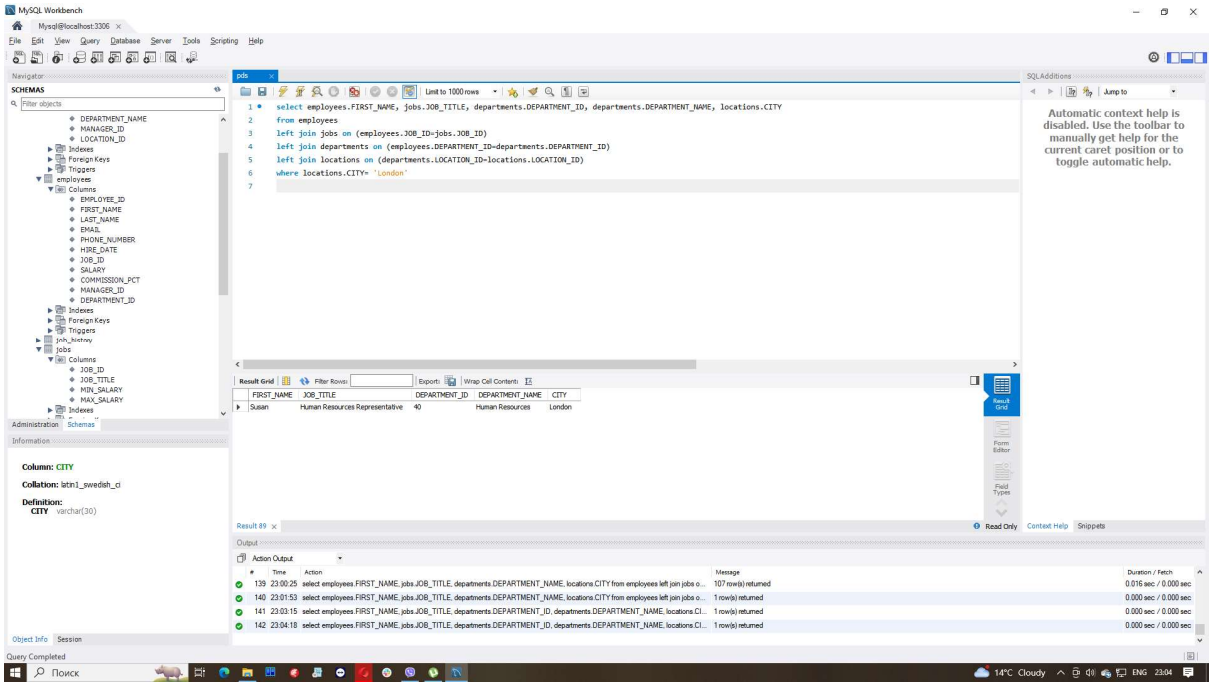

MySQL Workbench
select count(JOB_ID) as IT_PROG
from employees
where JOB_ID = 'IT_PROG'
IT_PROG
5
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Column: JOB_ID
Collation: latin1_swedish_ci
Definition:
JOB_ID varchar(10) PK


MySQL Workbench
select JOB_ID, count(JOB_ID) as AMOUNT_OF_JOB_ID
from employees
group by JOB_ID
JOB_ID AMOUNT_OF_JOB_ID
AC_ACCOUNT 1
AC_MGR 1
AD_ASST 1
AD_PRES 1
AD_VP 2
FI_ACCOUNT 5
FI_MGR 1
HR_REP 1
IT_PROG 5
MK_MAN 1
MK_REP 1
PR_REP 1
PU_CLERK 5
PU_MAN 1
SA_MAN 5
SA_REP 30
SH_CLERK 20
ST_CLERK 20
ST_MAN 5
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Column: JOB_ID
Collation: latin1_swedish_ci
Definition:
JOB_ID varchar(10) PK

4.


MySQL Workbench
select FIRST_NAME, LAST_NAME, DEPARTMENT_ID
from employees
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Column: DEPARTMENT_ID
Definition:
DEPARTMENT_ID decimal(4,0)

5.


MySQL Workbench
select employees.FIRST_NAME, jobs.JOB_TITLE, departments.DEPARTMENT_ID, departments.DEPARTMENT_NAME, locations.CITY
from employees
left join jobs on (employees.JOB_ID=jobs.JOB_ID)
left join departments on (employees.DEPARTMENT_ID=departments.DEPARTMENT_ID)
left join locations on (departments.LOCATION_ID=locations.LOCATION_ID)
where locations.CITY= 'London'
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Column: CITY
Collation: latin1_swedish_ci
Definition:
CITY varchar(30)