Faculty of Science

Department of Computer Science

Course Title:	Database System I
Course Number:	CPS 510
Semester/Year	Semester 5

Instructor	Soheila Bashardoust Tajali
Section	8

Assignment/Lab Number:	Assignment 4
Assignment/Lab Title:	Demo of Designing Views/Simple Quarries

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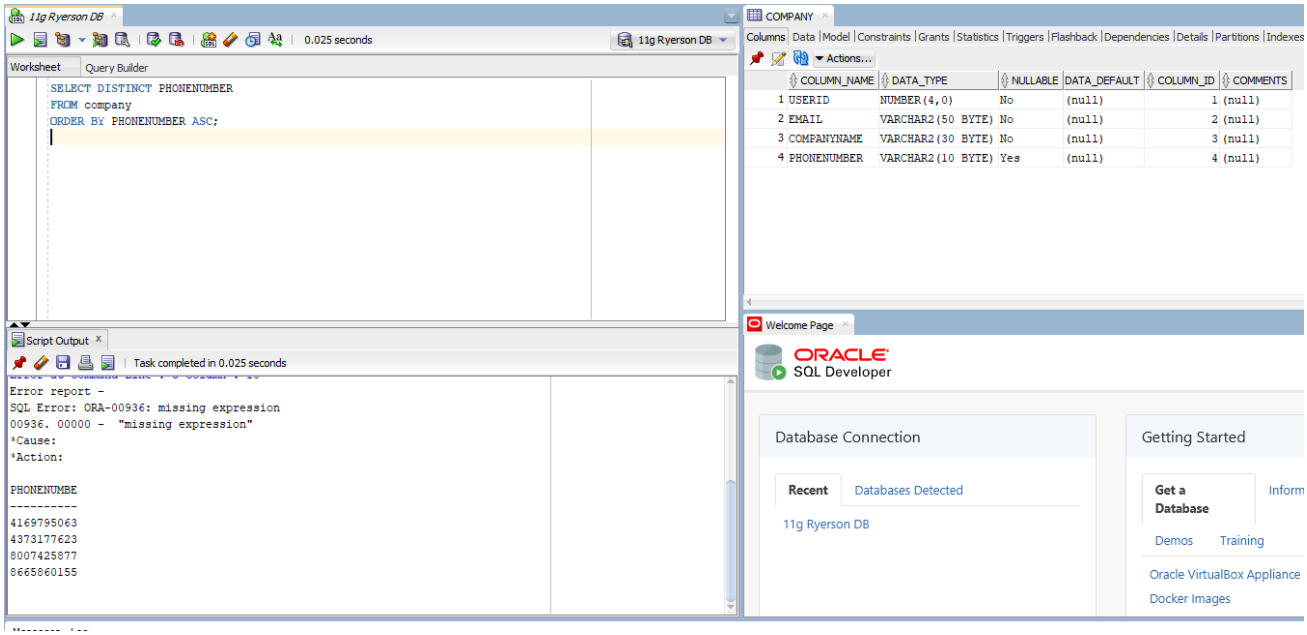
COMPANY

```
1. SELECT DISTINCT PHONENUMBER
   FROM company
   ORDER BY PHONENUMBER ASC;
```

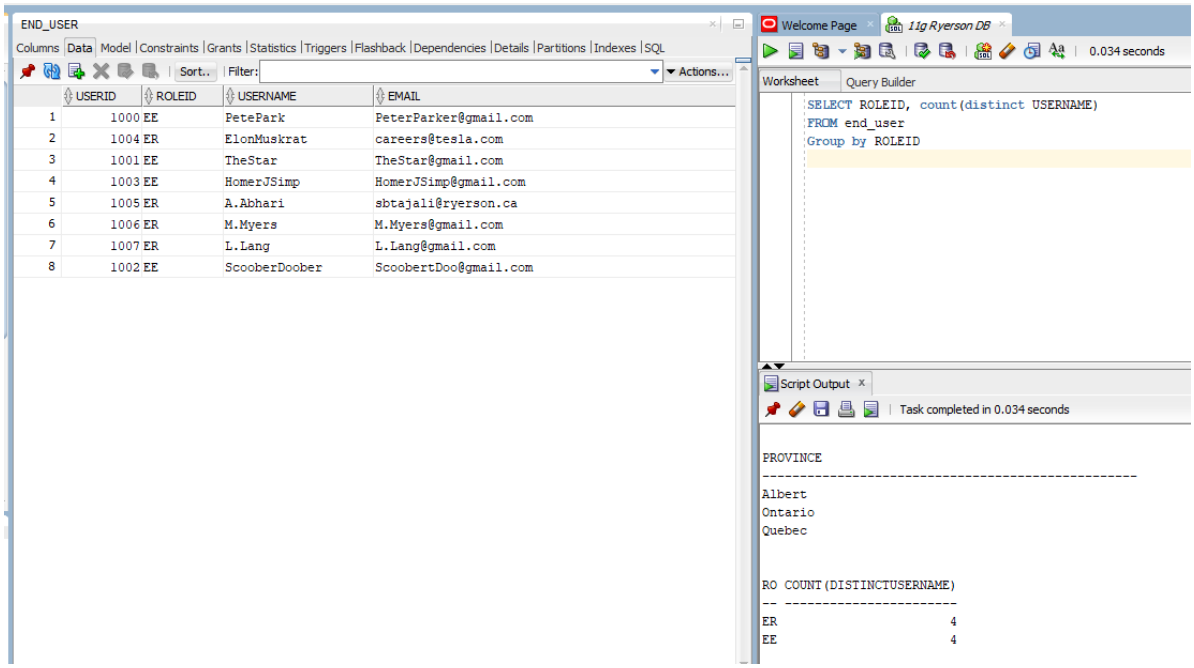
(Used by user for when they need to contact the Company for Job Application.The phone number is sorted in Ascending order)



END_USER

```
1. SELECT ROLEID, count(distinct USERNAME)
   FROM end_user
   Group by ROLEID
```

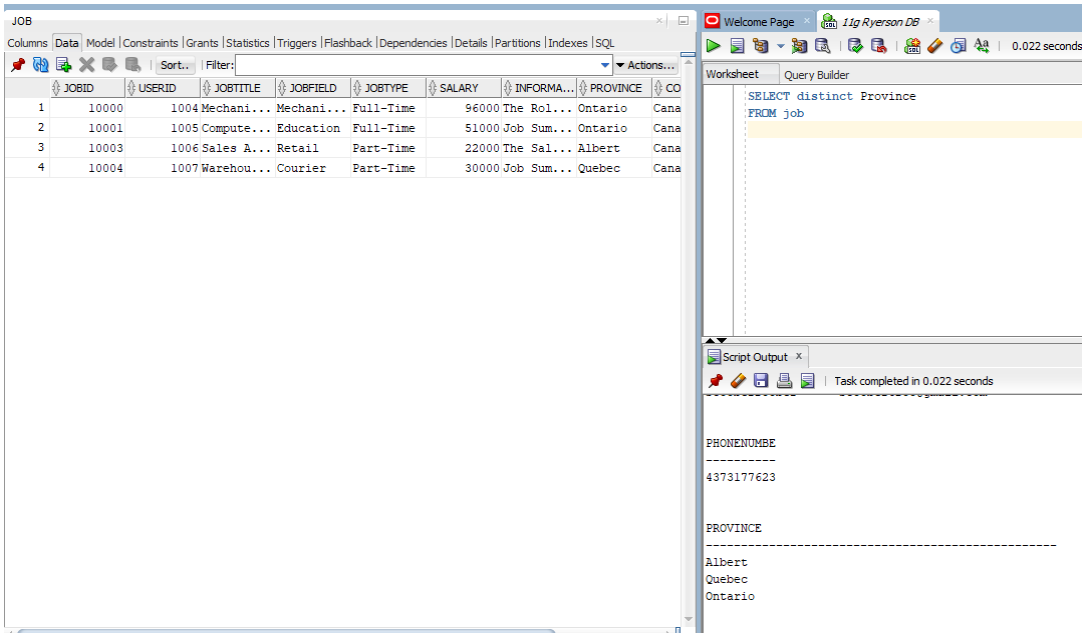
(Used to determine the number of Jobseekers and Job Posters in the END_USER table. They will be grouped according to their role id)



JOB

1. SELECT distinct Province
   FROM job
   ORDER BY province ASC;

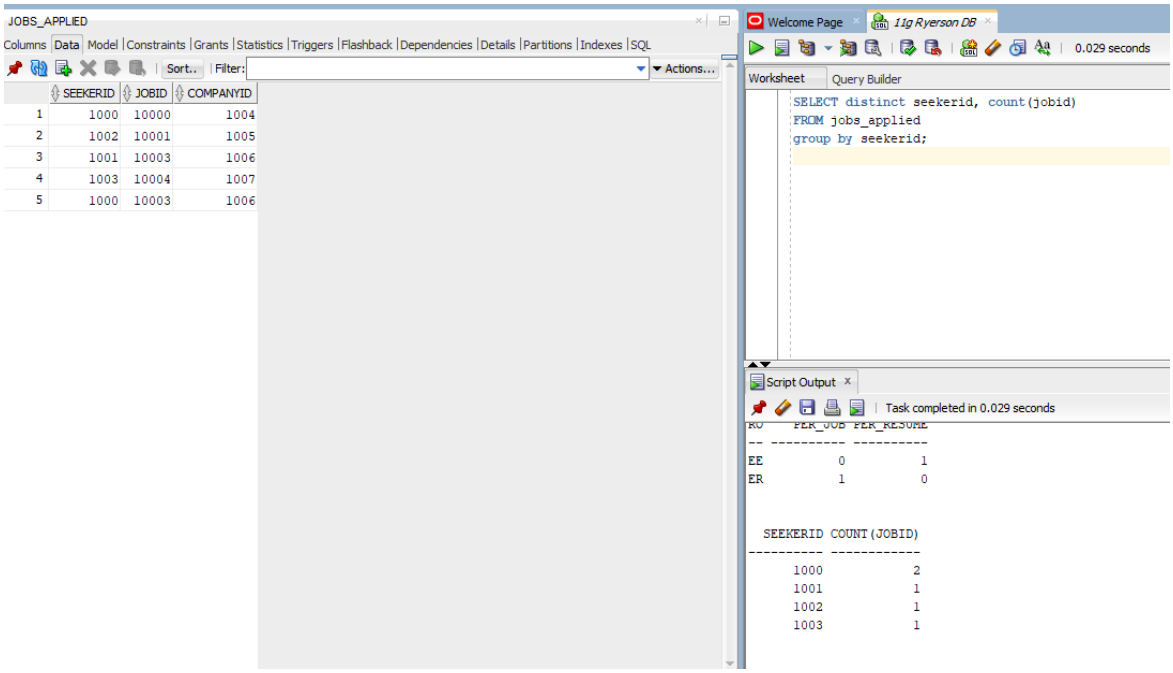
(Used to determine all Provinces with Job listings available for Search. The search will be ordered by all provinces in ascending order)



JOBS APPLIED

```
1. SELECT distinct seekerid, count(jobid)
   FROM jobs_applied
   group by seekerid;
```

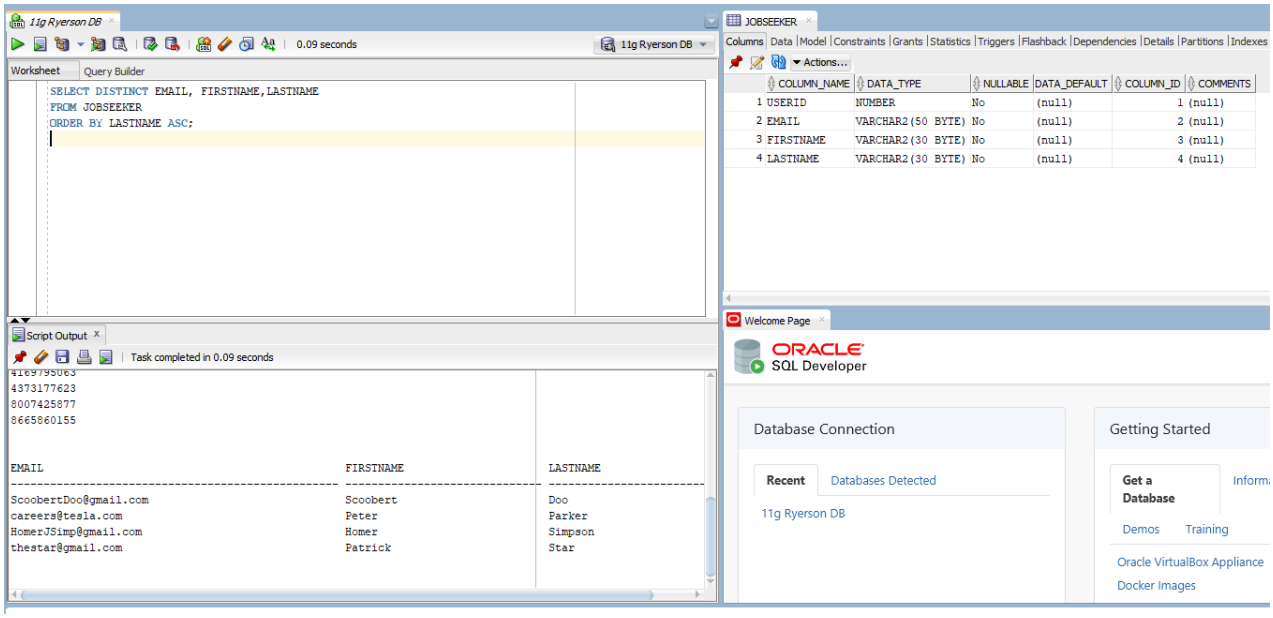
(Used to see how many jobs each jobseeker has applied to)



JOBSEEKER

```
1. SELECT DISTINCT EMAIL, FIRSTNAME, LASTNAME
   FROM JOBSEEKER
   ORDER BY LASTNAME ASC;
```

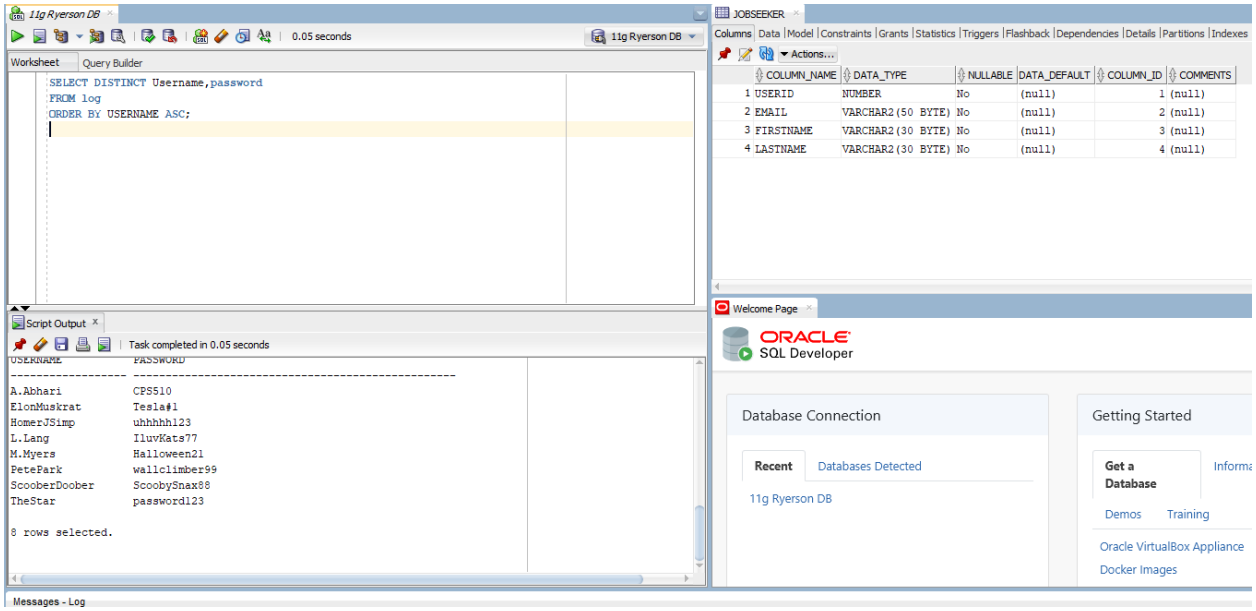
(Used to display information about the Jobseeker such as email, first name, last name in ascending order.)



LOG

```
1. SELECT DISTINCT Username,password
   FROM log
   ORDER BY USERNAME ASC;
```

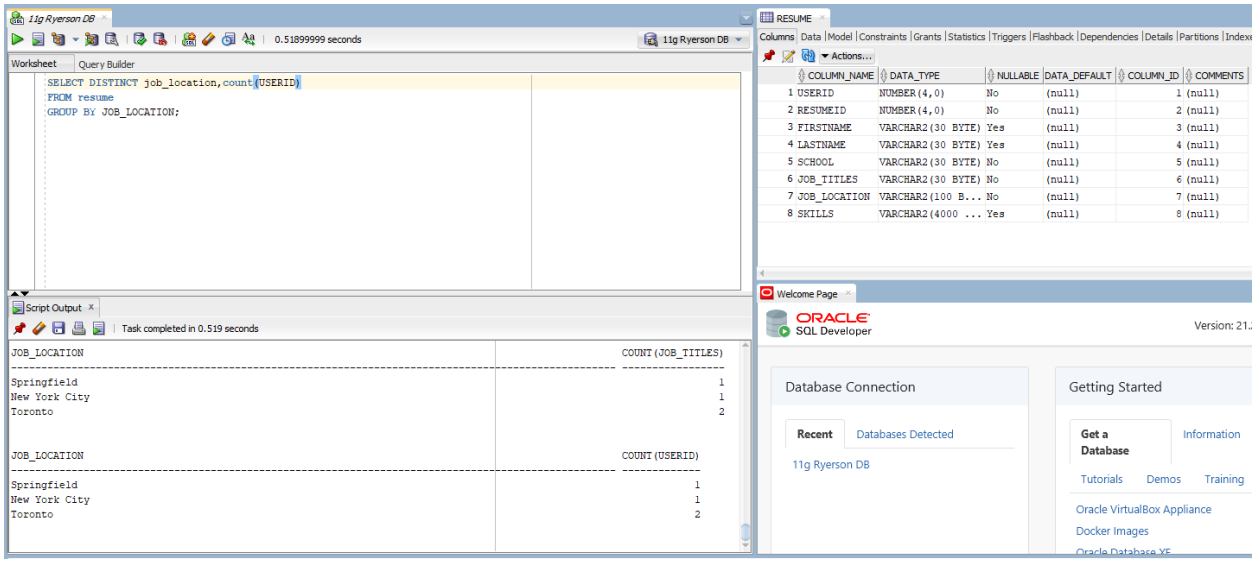
(Used for Login, when a user attempts to match Username and Password.)



RESUME

```
1. SELECT DISTINCT job_location,count(USERID)
   FROM resume
   GROUP BY JOB_LOCATION;
```

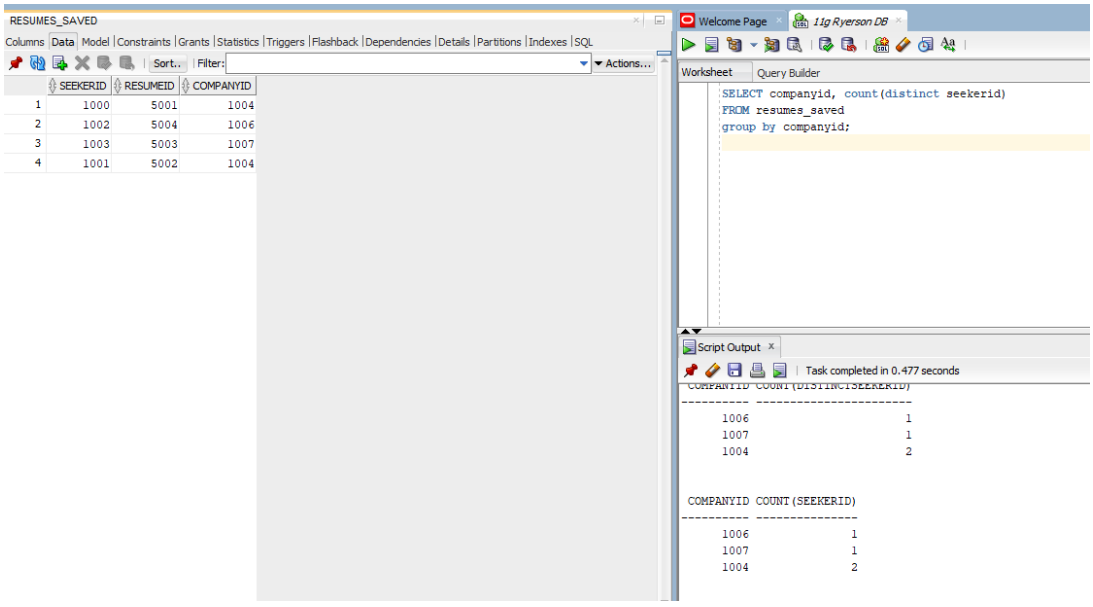
(Used to determine the number of jobs in a particular location.)



RESUME_SAVED

```
1. SELECT companyid, count(distinct seekerid)
   FROM resumes_saved
   group by companyid;
```

(Used to determine the number of Job Seekers a Company is looking at)



ROLE

```
1. SELECT DISTINCT Roleid, per_job, per_resume
   FROM Role
   ORDER BY ROLEID ASC;
```

(Used to display the possible roles available)