Project 4

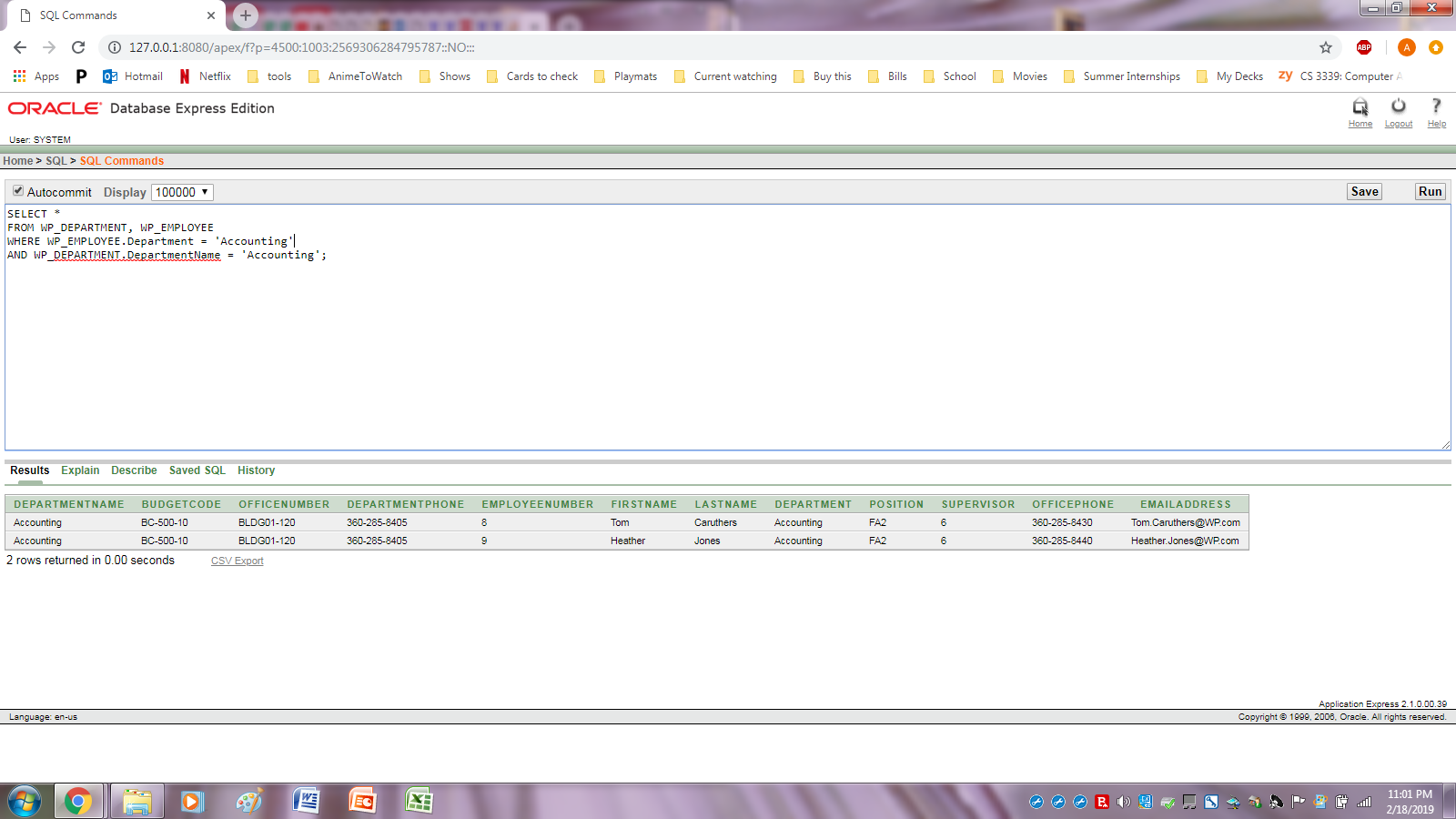
Doing a Equi Join between Employee and Department, looking for only the values that have to do with Accounting.

SELECT \*

FROM WP\_DEPARTMENT, WP\_EMPLOYEE

WHERE WP\_EMPLOYEE.Department = 'Accounting'

AND WP\_DEPARTMENT.DepartmentName = 'Accounting';

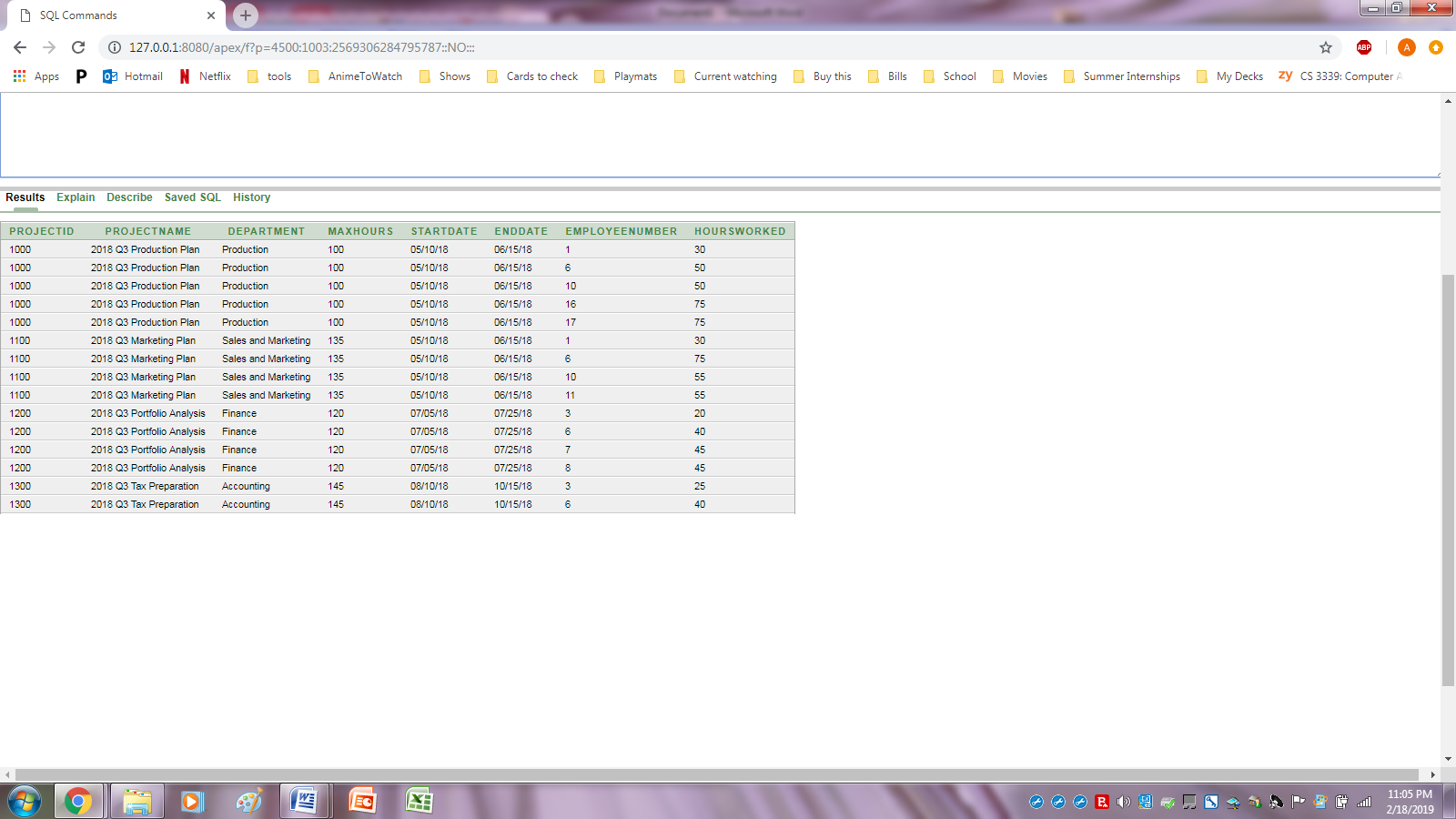


Natural Joining WP\_PROJECT and WP\_ASSIGNMENT.

SELECT \*

FROM WP\_PROJECT

NATURAL JOIN WP\_ASSIGNMENT;



Doing a Subquery from Department's involving Production, I'm getting the names of the employees that work in that department

SELECT FirstName, LastName

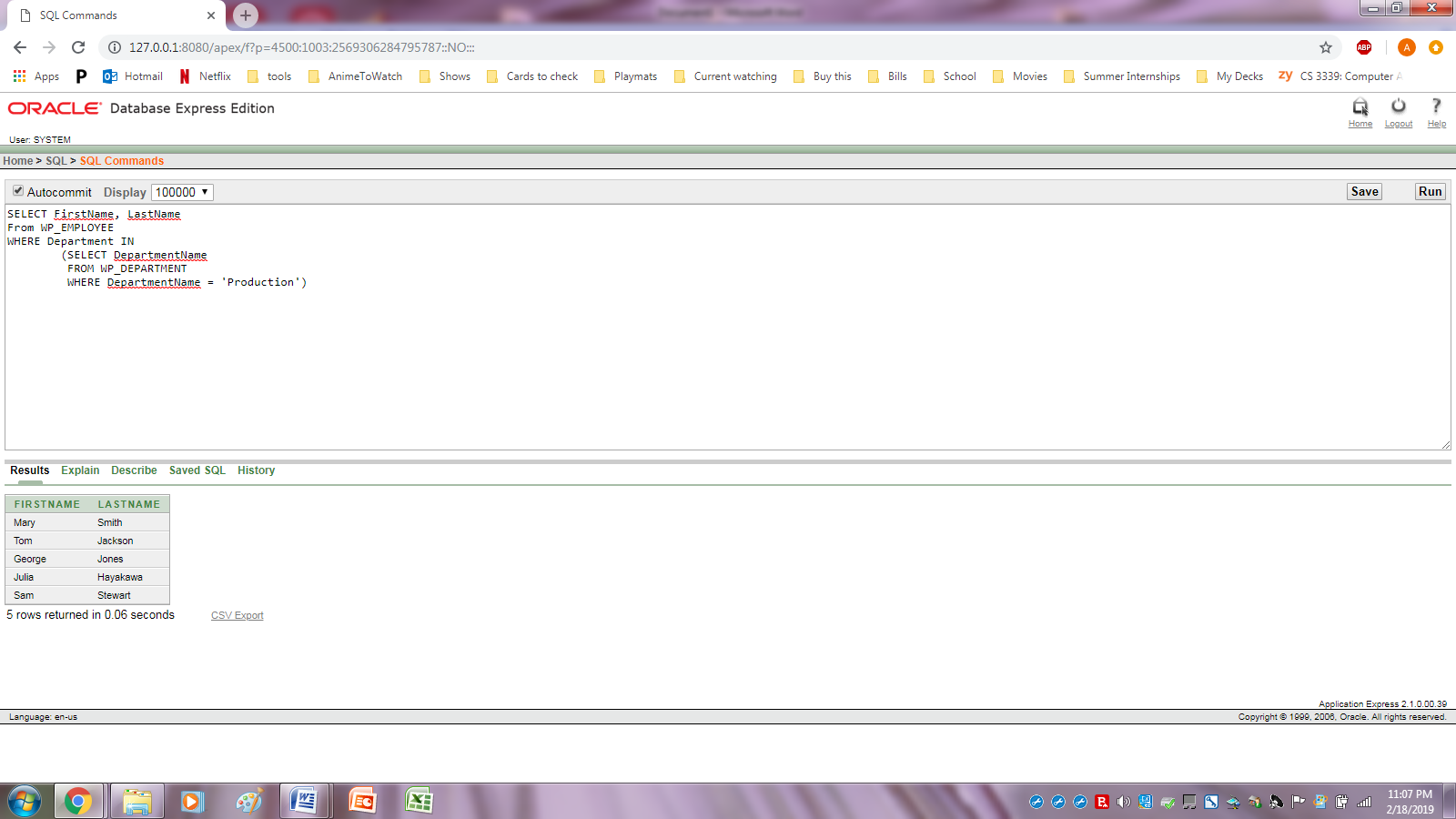
From WP\_EMPLOYEE

WHERE Department IN

(SELECT DepartmentName

FROM WP\_DEPARTMENT

WHERE DepartmentName = 'Production')

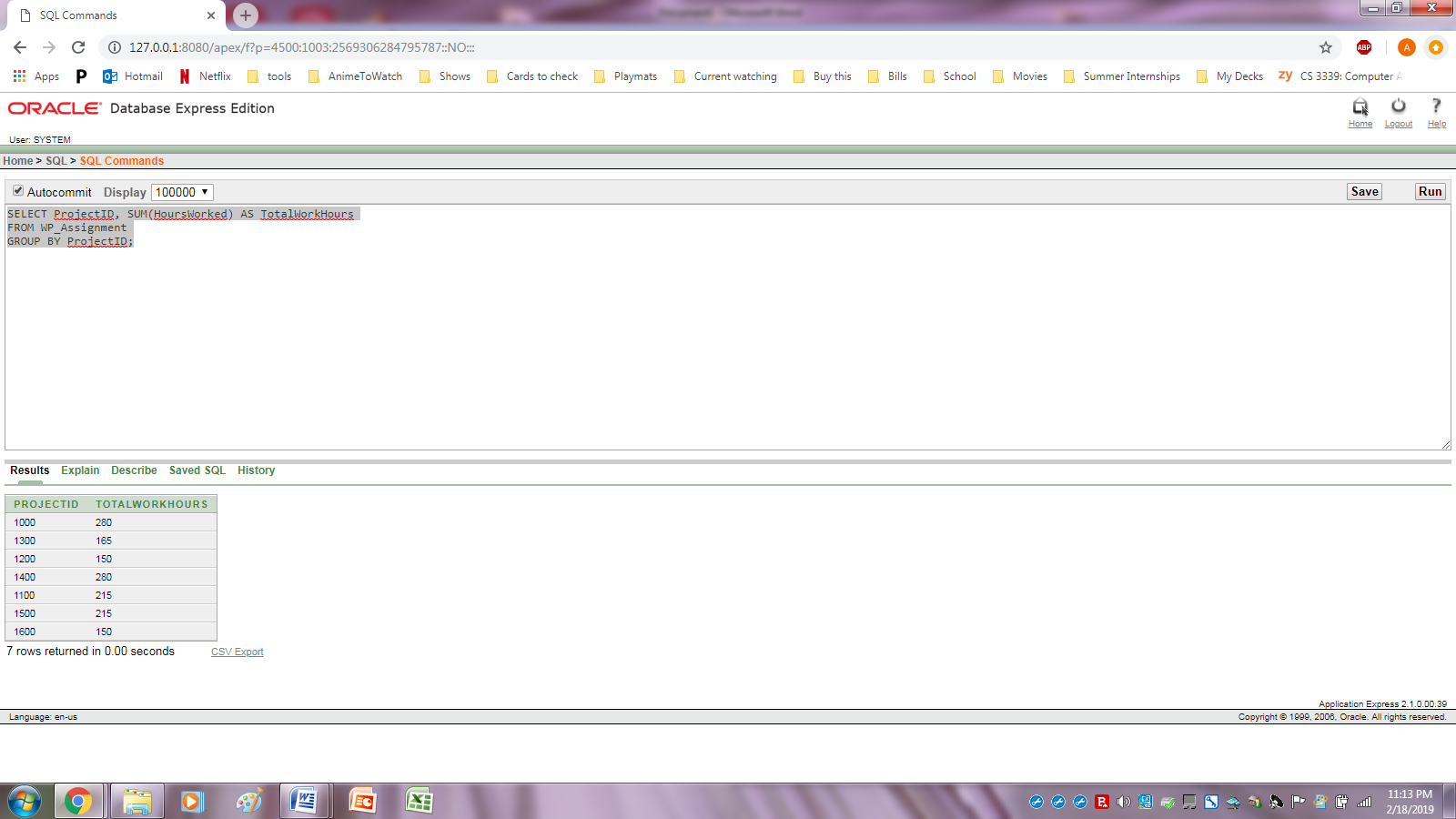


Calculating the total number of hours worked on each project

SELECT ProjectID, SUM(HoursWorked) AS TotalWorkHours

FROM WP\_Assignment

GROUP BY ProjectID;



Created a view of all the employees (w/ positions) arranged by their last name.

CREATE VIEW Employees AS

SELECT LastName AS Last,

FirstName AS First,

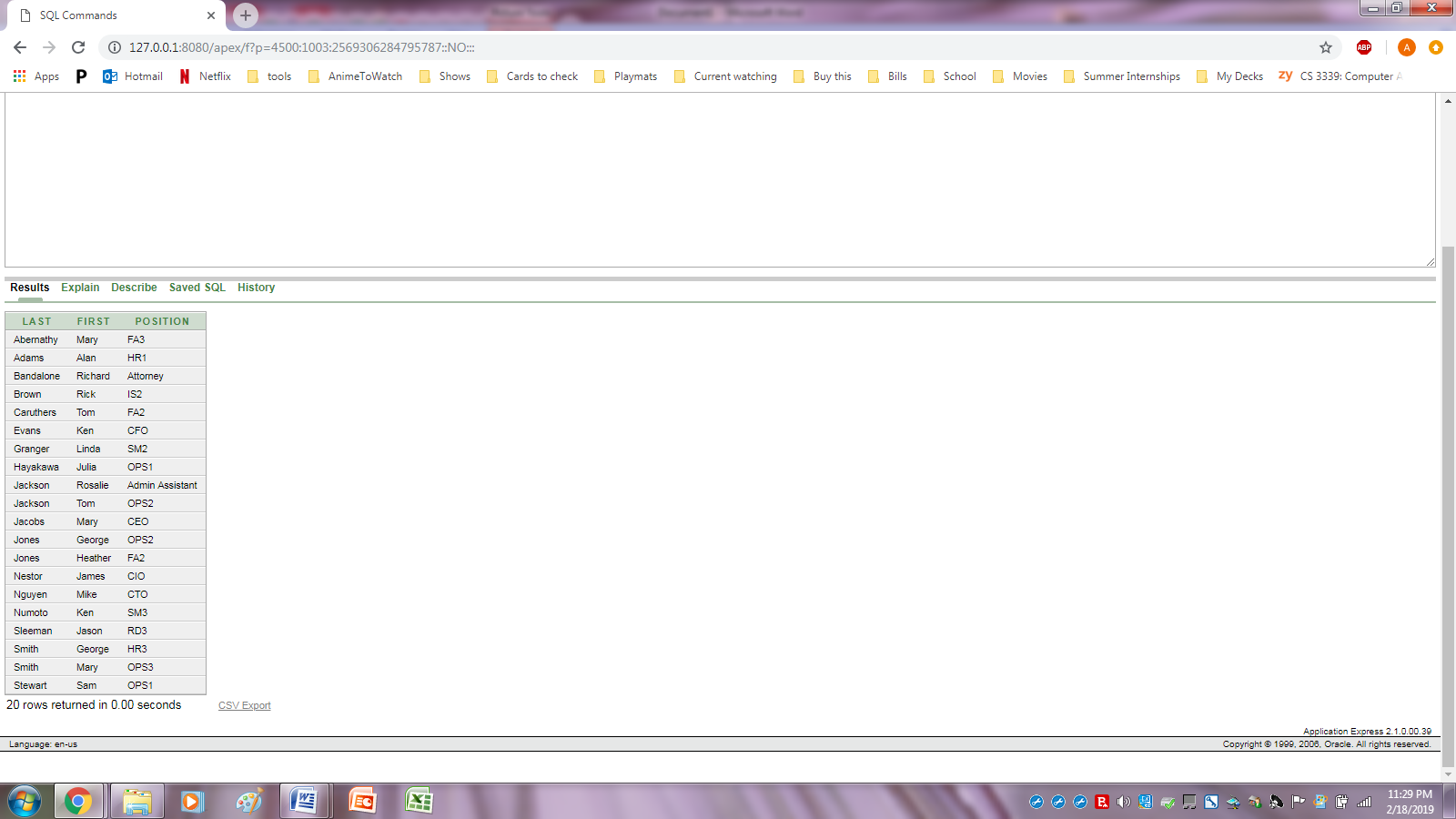
Position AS Position

FROM WP\_EMPLOYEE

ORDER BY Last;

SELECT \*

FROM Employees;



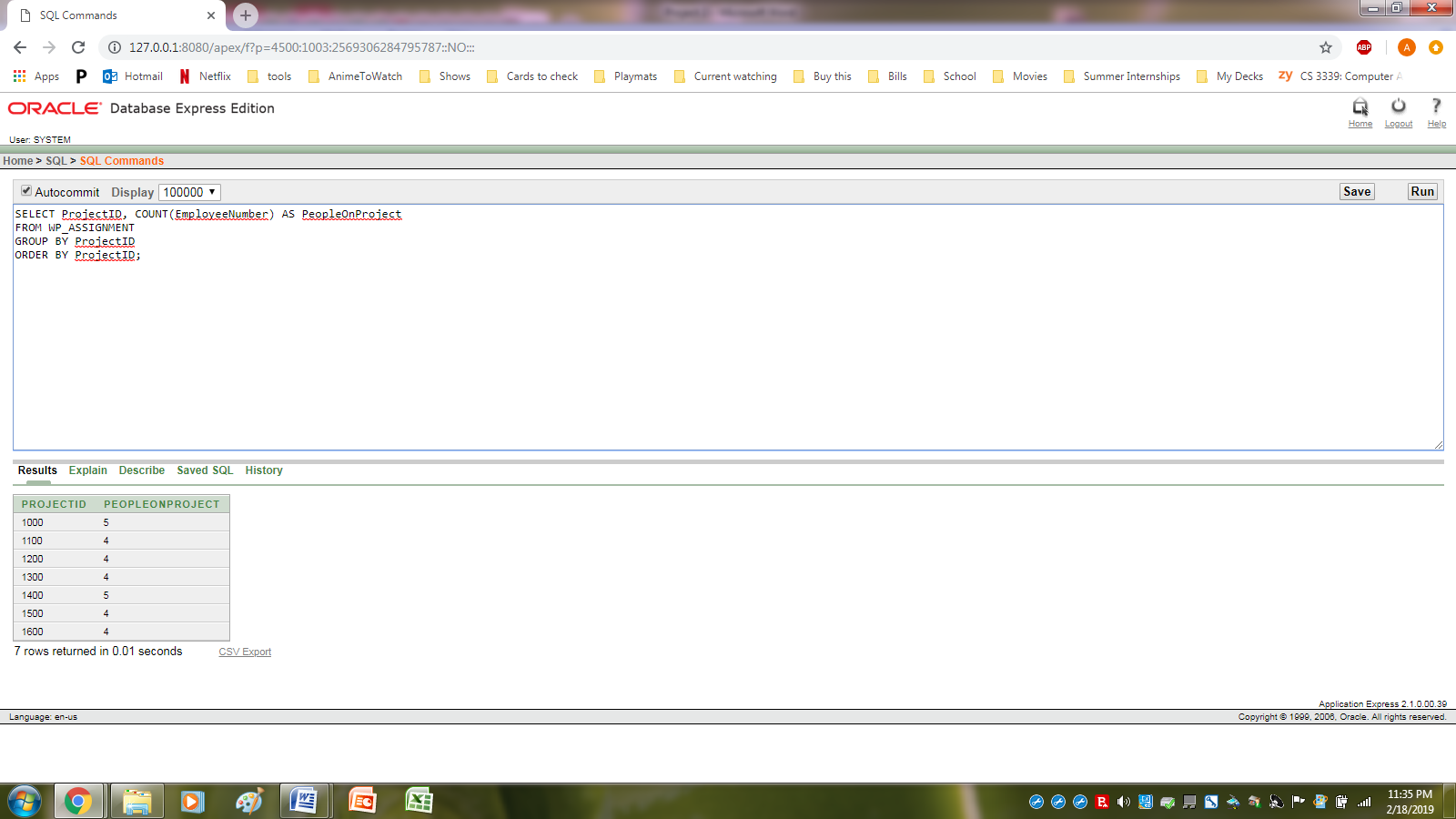
Getting a table with the count of how many people are working on each project

SELECT ProjectID, COUNT(EmployeeNumber) AS PeopleOnProject

FROM WP\_ASSIGNMENT

GROUP BY ProjectID

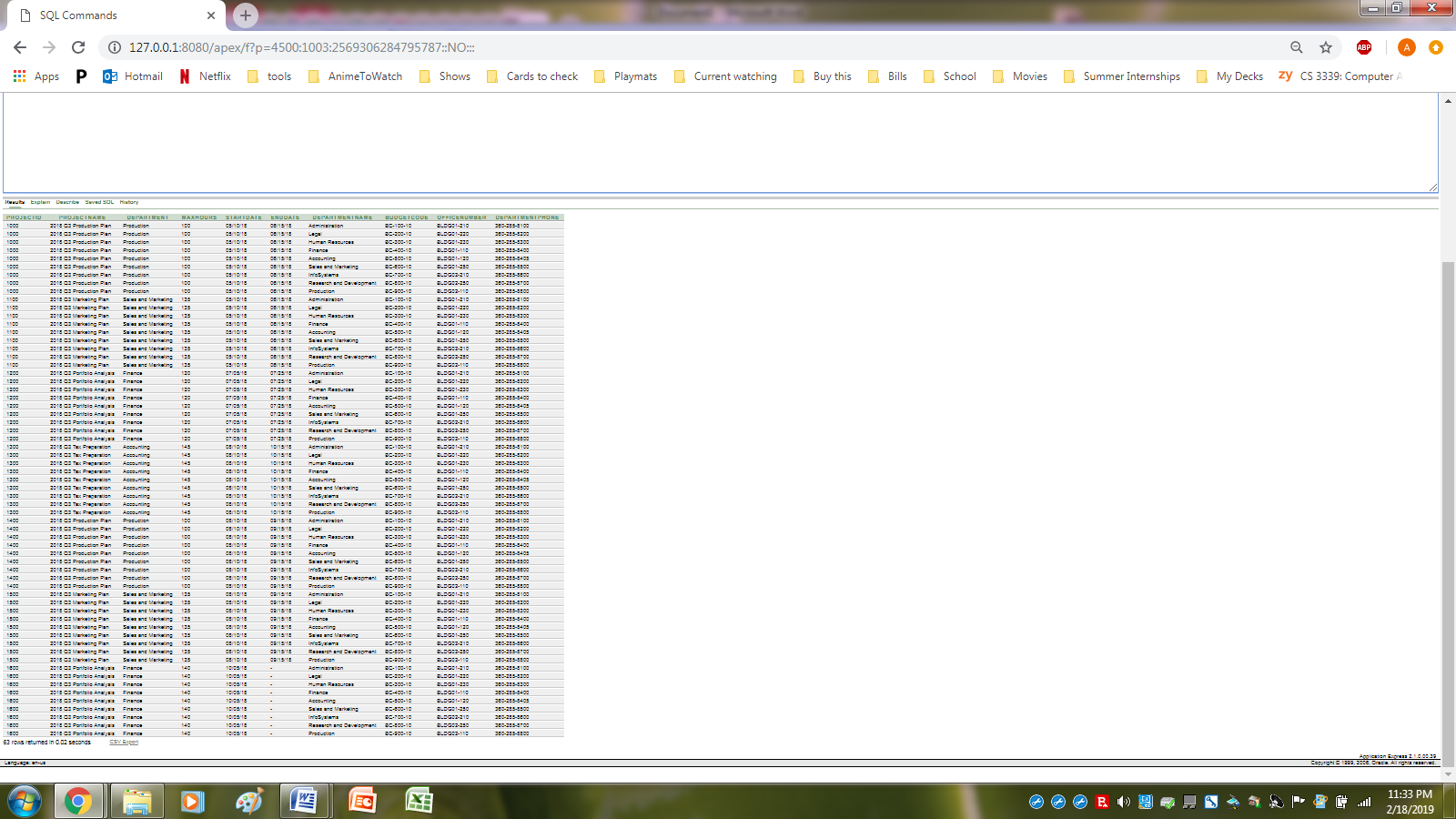
ORDER BY ProjectID;



Cross joined Project and Department

SELECT \*

FROM WP\_PROJECT, WP\_DEPARTMENT;



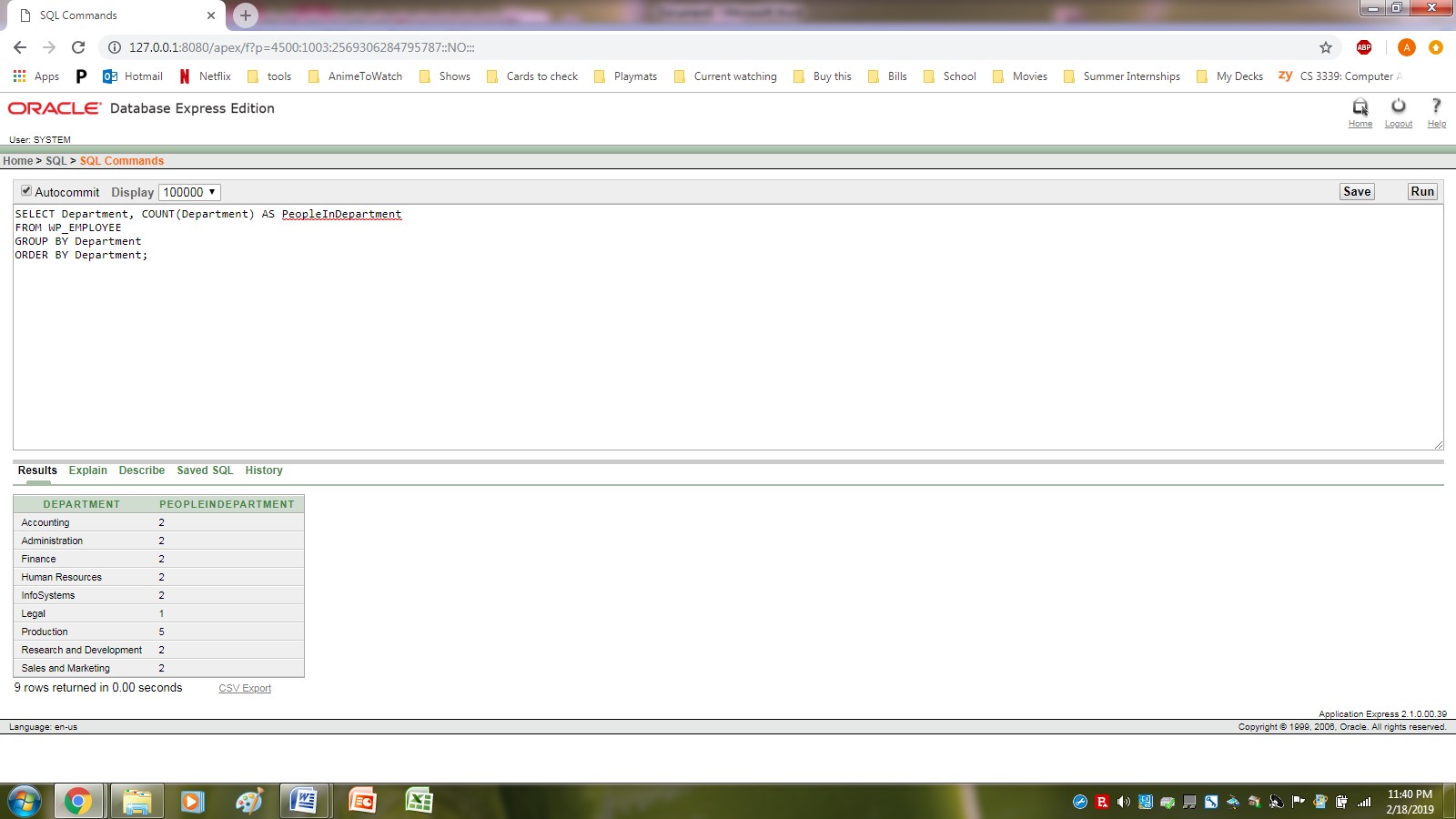
Getting the number of people that work in each department, arranged by department.

SELECT Department, COUNT(Department) AS PeopleInDepartment

FROM WP\_EMPLOYEE

GROUP BY Department

ORDER BY Department;



E/R Model

