**7.USING SET OPERATORS**

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**Find the Solution for the following:**

**1. The HR department needs a list of department IDs for departments that do not contain**

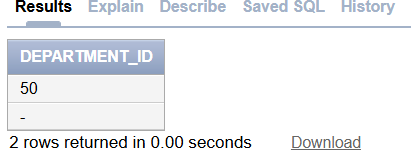
**the job ID ST\_CLERK. Use set operators to create this report.**

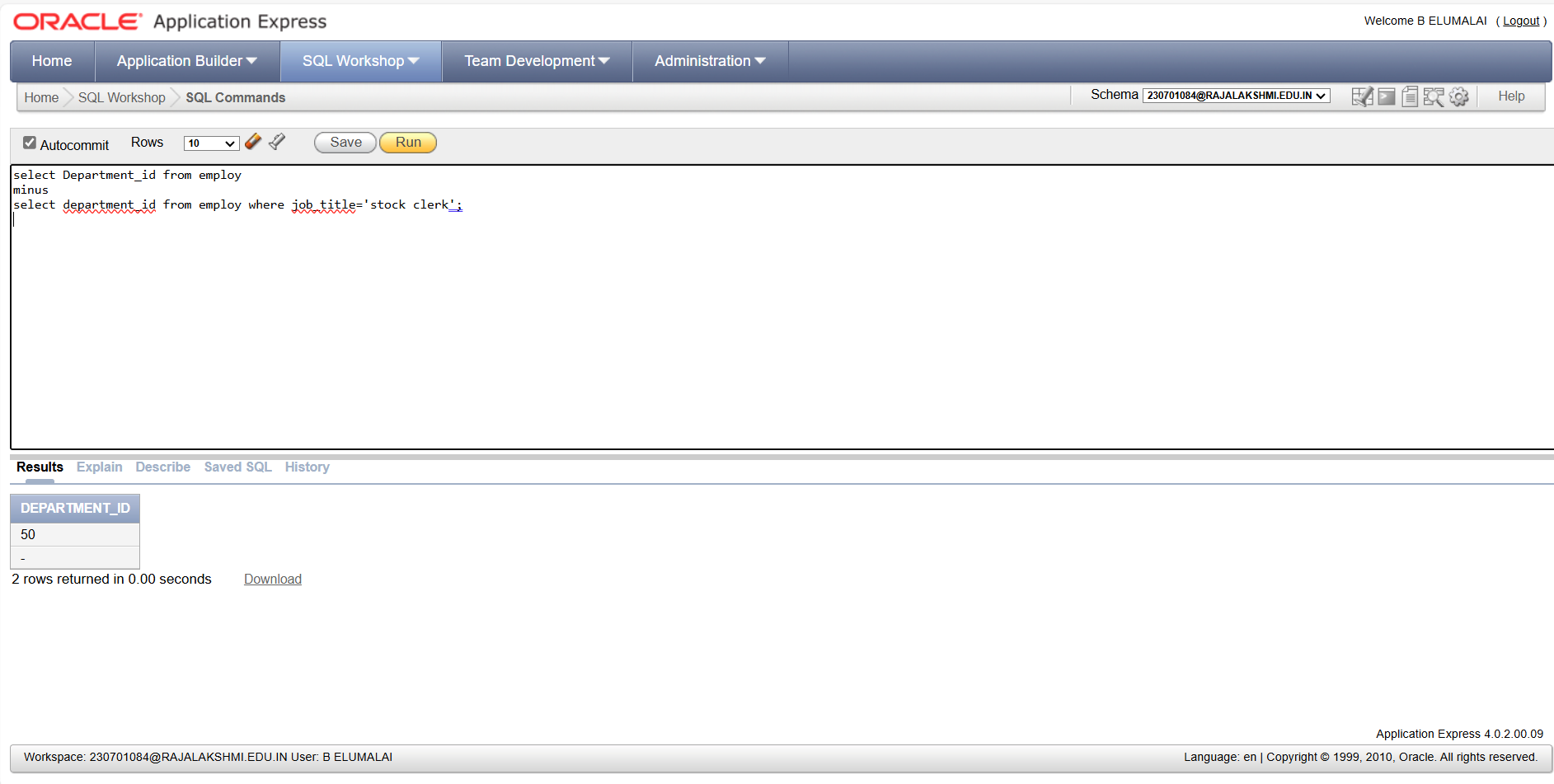
select Department\_id from employ

minus

select department\_id from employ where job\_title='stock clerk';

**OUTPUT**





**2. The HR department needs a list of countries that have no departments located in them.**

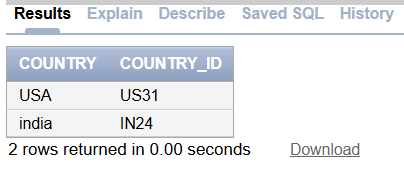
**Display the country ID and the name of the countries. Use set operators to create this report.**

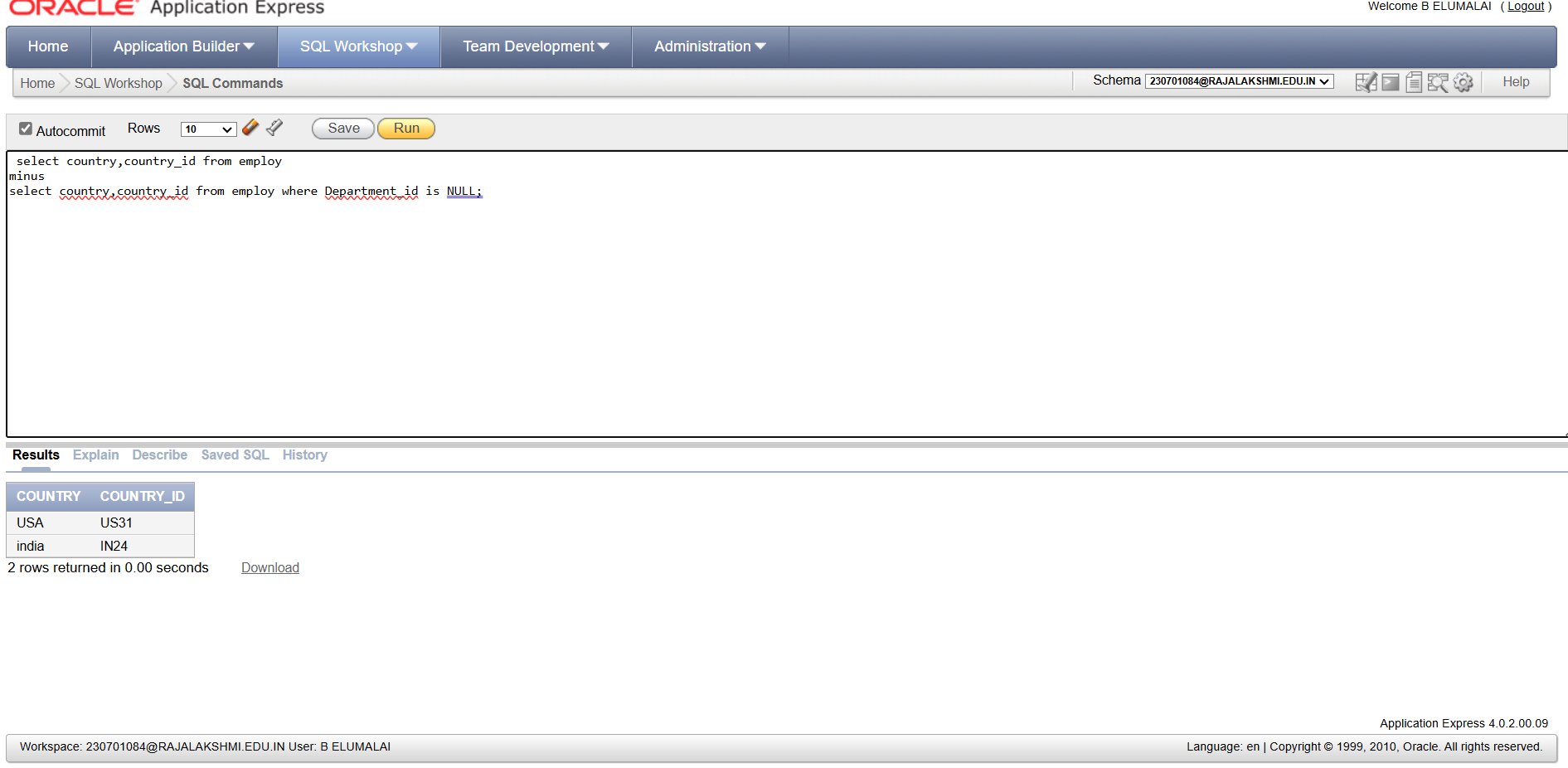
select country,country\_id from employ

minus

select country,country\_id from employ where Department\_id is NULL;

**OUTPUT**

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**3. Produce a list of jobs for departments 10, 50, and 20, in that order. Display job ID and**

**department ID using set operators.**

SELECT Job\_id, Department\_id

FROM employ

WHERE Department\_id = 10

UNION

SELECT Job\_id, Department\_id

FROM employ

WHERE Department\_id = 50

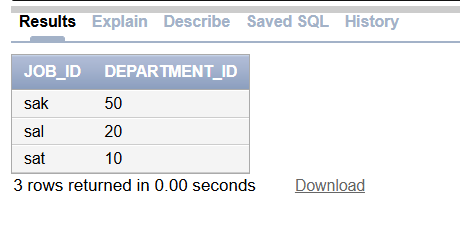
UNION

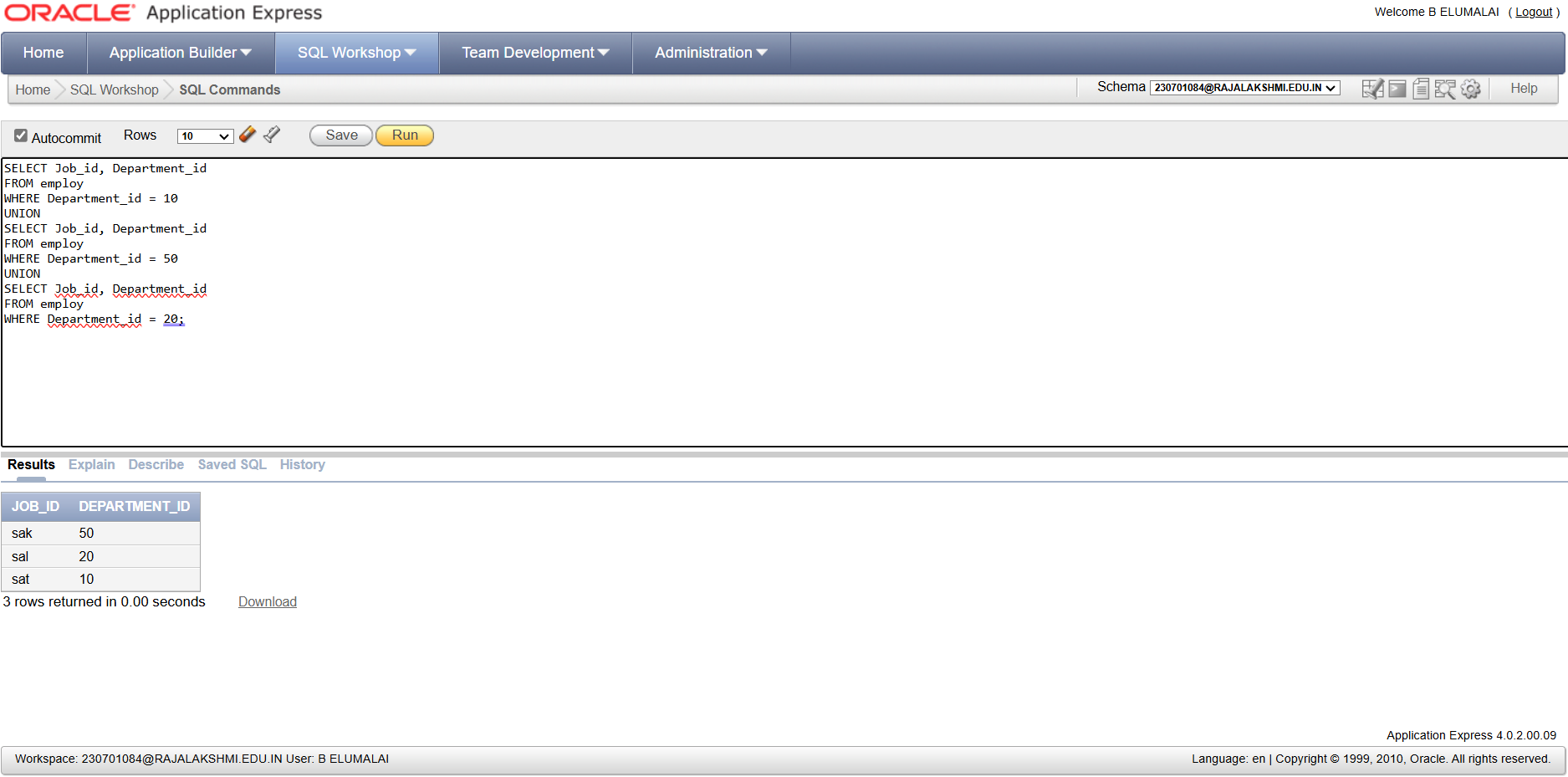
SELECT Job\_id, Department\_id

FROM employ

WHERE Department\_id = 20;

**OUTPUT**

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**4. Create a report that lists the employee IDs and job IDs of those employees who**

**currently have a job title that is the same as their job title when they were initially**

**hired by the company (that is, they changed jobs but have now gone back to doing**

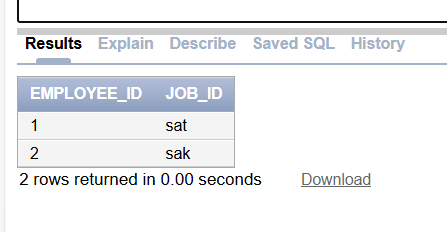
**their original job).**

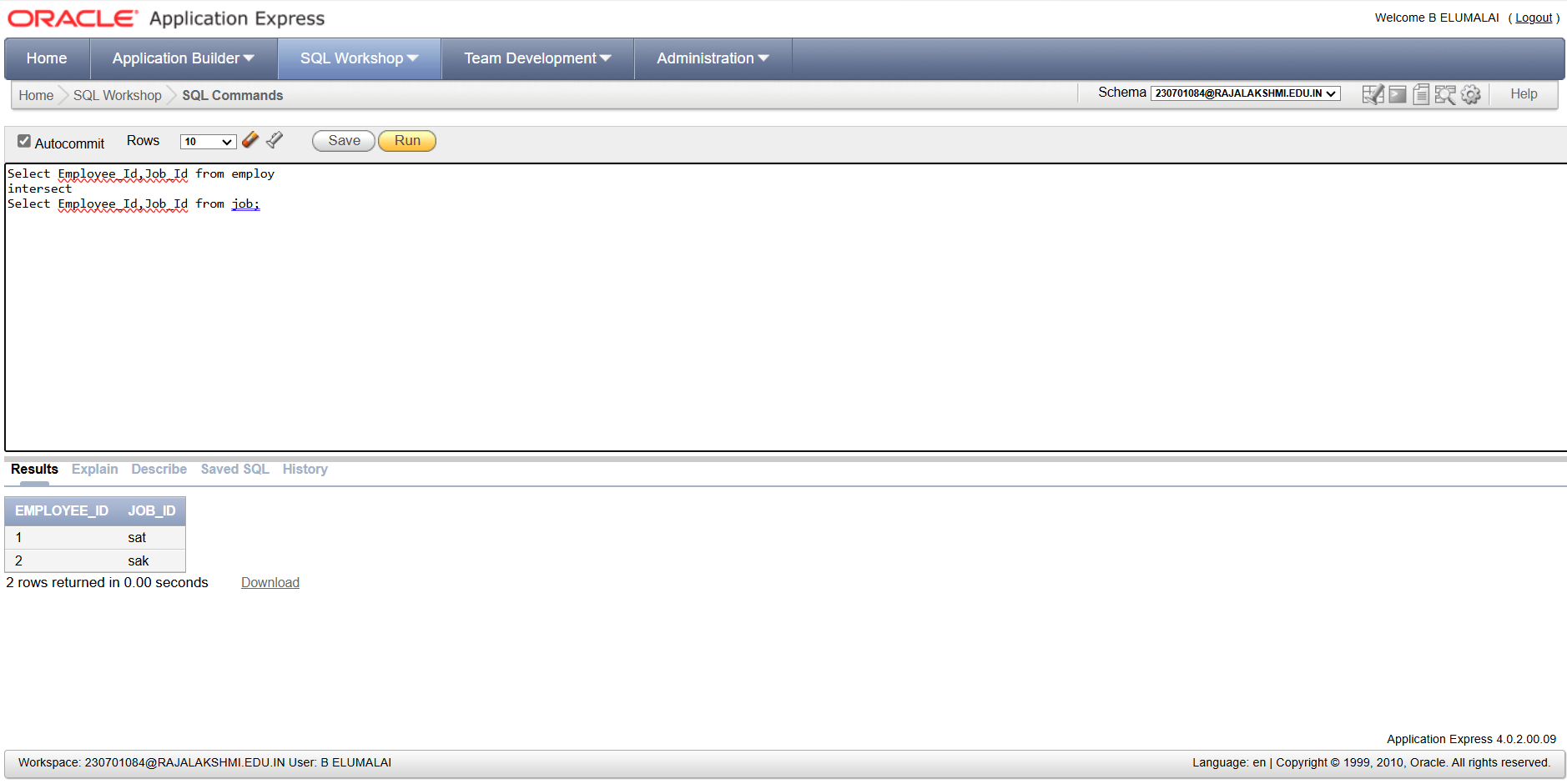
Select Employee\_Id,Job\_Id from employ

intersect

Select Employee\_Id,Job\_Id from job;

**OUTPUT**

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**5. The HR department needs a report with the following specifications:**

**- Last name and department ID of all the employees from the EMPLOYEES table, regardless of**

**whether or not they belong to a department.**

**- Department ID and department name of all the departments from the DEPARTMENTS table,**

**regardless of whether or not they have employees working in them Write a compound query to**

**accomplish this.**

SELECT

Last\_name,

Department\_id,

TO\_CHAR(NULL)

FROM employ

UNION ALL

SELECT

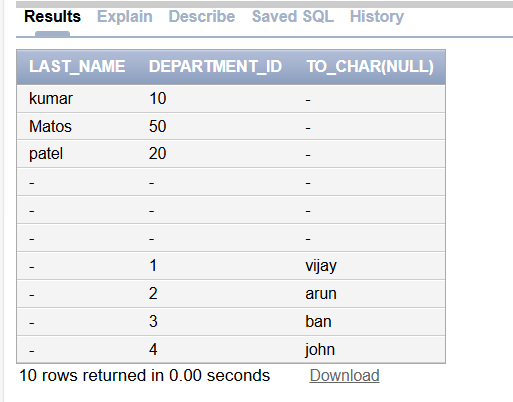
TO\_CHAR(NULL),

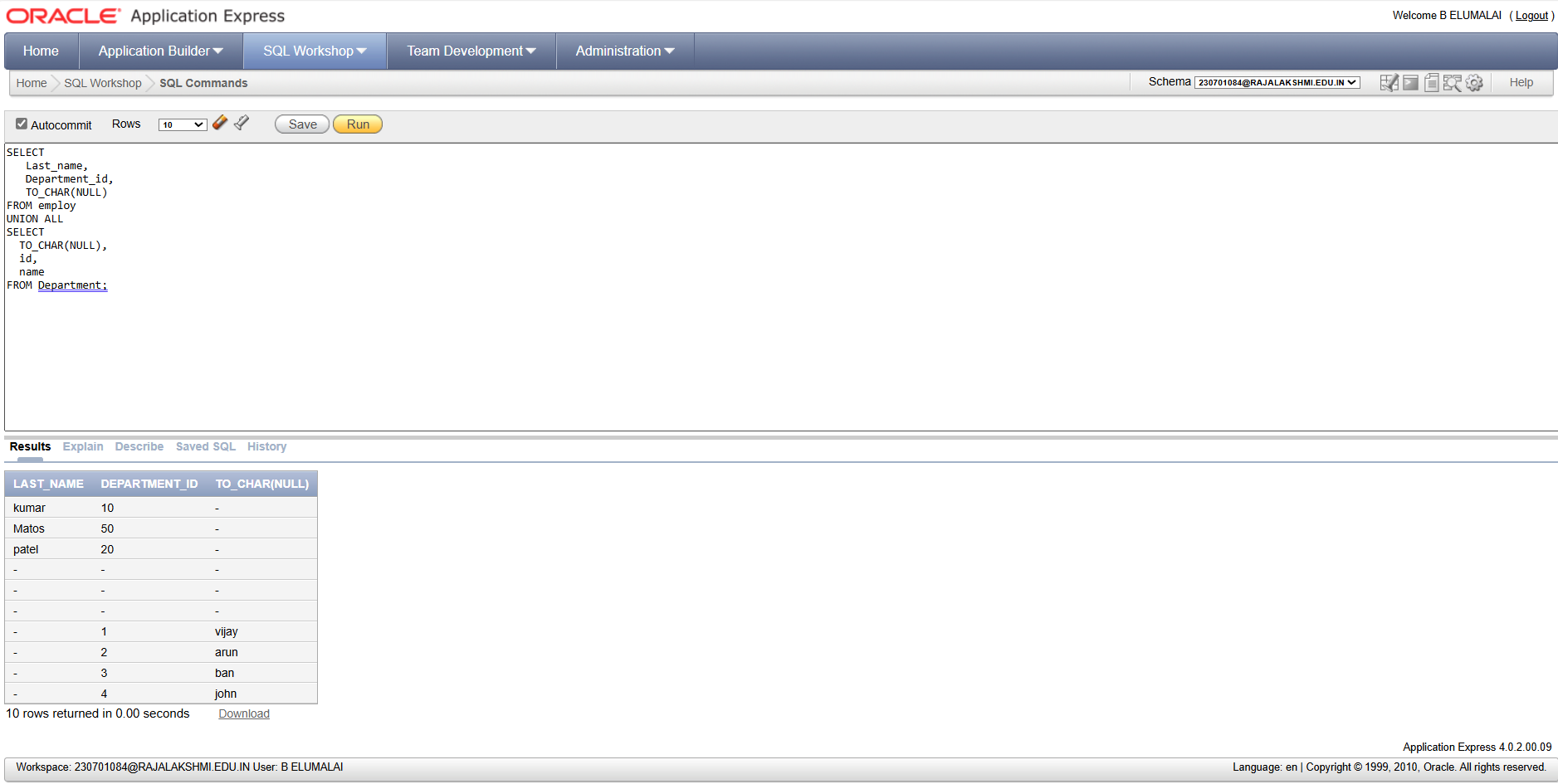
id,

name

FROM Department;

**OUTPUT**

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