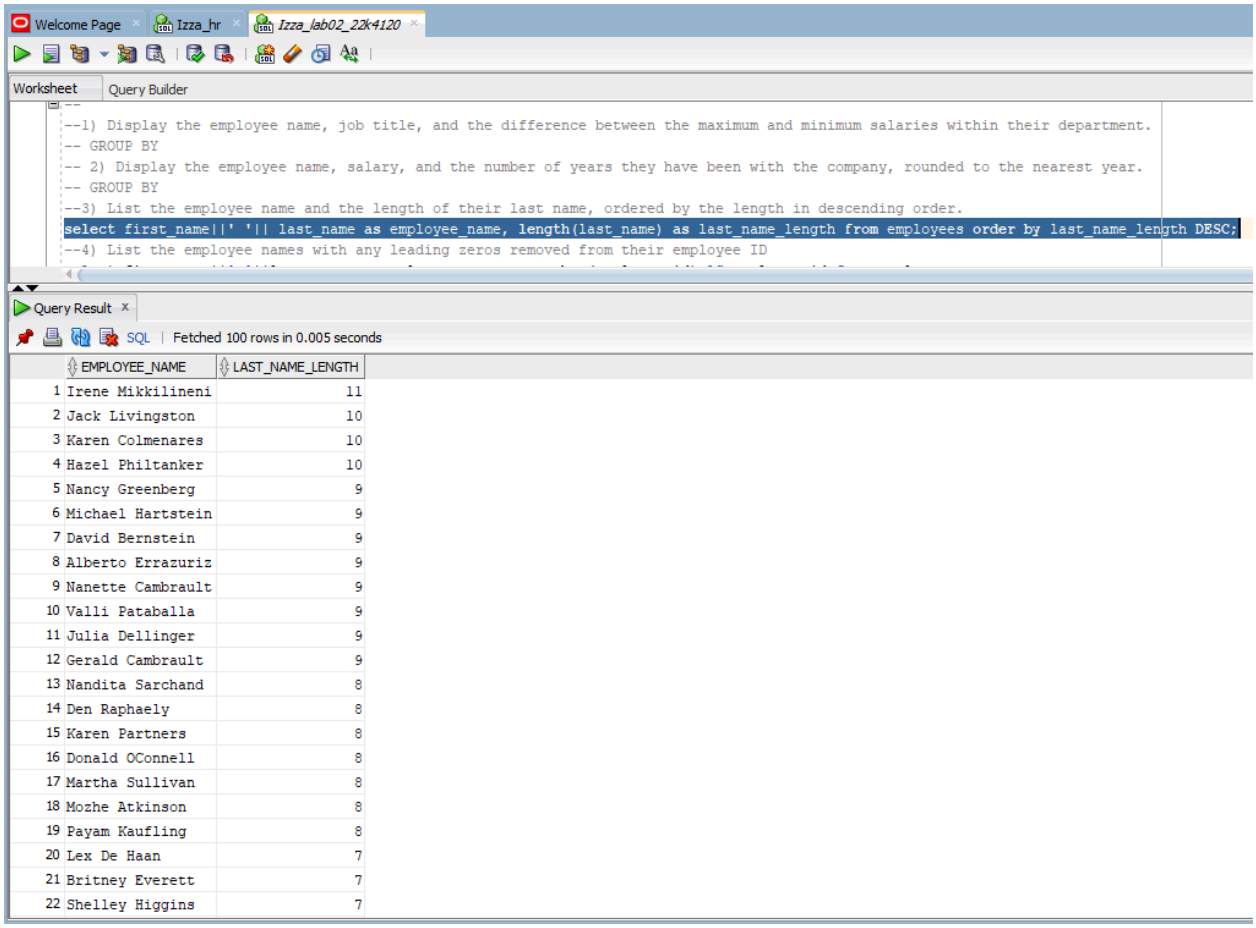
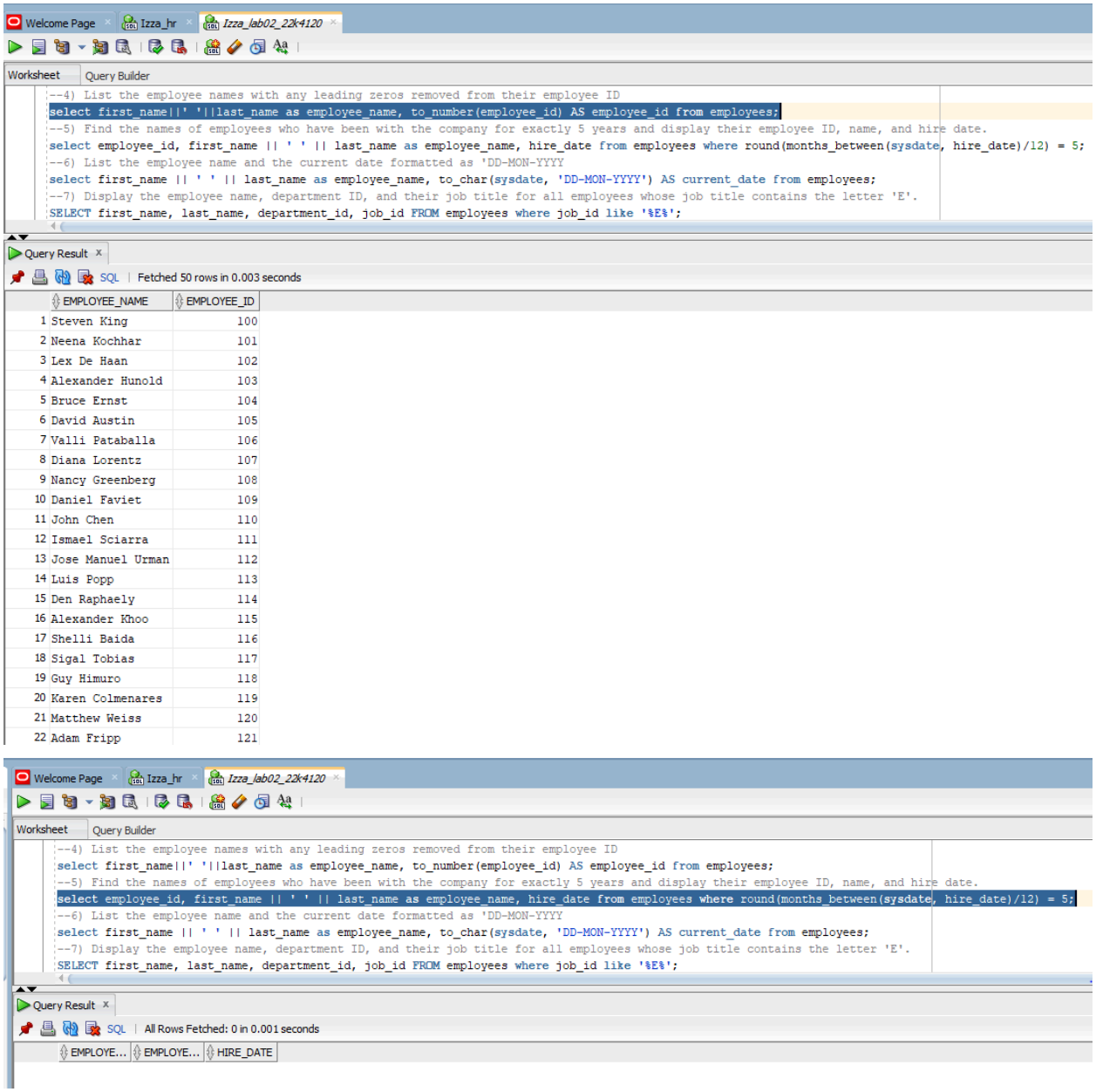


	EMPLOYEE_NAME	LAST_NAME_LENGTH
1	Irene Mikkilineni	11
2	Jack Livingston	10
3	Karen Colmenares	10
4	Hazel Philtanker	10
5	Nancy Greenberg	9
6	Michael Hartstein	9
7	David Bernstein	9
8	Alberto Errazuriz	9
9	Nanette Cambrault	9
10	Valli Pataballa	9
11	Julia Dellinger	9
12	Gerald Cambrault	9
13	Nandita Sarchand	8
14	Den Raphaely	8
15	Karen Partners	8
16	Donald OConnell	8
17	Martha Sullivan	8
18	Mozhe Atkinson	8
19	Payam Kaufling	8
20	Lex De Haan	7
21	Britney Everett	7
22	Shelley Higgins	7


Welcome Page
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Worksheet
Query Builder
--4) List the employee names with any leading zeros removed from their employee ID
select first_name||' '||last_name as employee_name, to_number(employee_id) AS employee_id from employees;
--5) Find the names of employees who have been with the company for exactly 5 years and display their employee ID, name, and hire date.
select employee_id, first_name || ' ' || last_name as employee_name, hire_date from employees where round(months_between(sysdate, hire_date)/12) = 5;
--6) List the employee name and the current date formatted as 'DD-MON-YYYY
select first_name || ' ' || last_name as employee_name, to_char(sysdate, 'DD-MON-YYYY') AS current_date from employees;
--7) Display the employee name, department ID, and their job title for all employees whose job title contains the letter 'E'.
SELECT first_name, last_name, department_id, job_id FROM employees where job_id like '%E%';
Query Result
SQL
Fetched 50 rows in 0.003 seconds
EMPLOYEE_NAME
EMPLOYEE_ID
1 Steven King 100
2 Neena Kochhar 101
3 Lex De Haan 102
4 Alexander Hunold 103
5 Bruce Ernst 104
6 David Austin 105
7 Valli Pataballa 106
8 Diana Lorentz 107
9 Nancy Greenberg 108
10 Daniel Faviet 109
11 John Chen 110
12 Ismael Sciarra 111
13 Jose Manuel Urman 112
14 Luis Popp 113
15 Den Raphaely 114
16 Alexander Khoo 115
17 Shelli Baida 116
18 Sigal Tobias 117
19 Guy Himuro 118
20 Karen Colmenares 119
21 Matthew Weiss 120
22 Adam Fripp 121

Welcome Page
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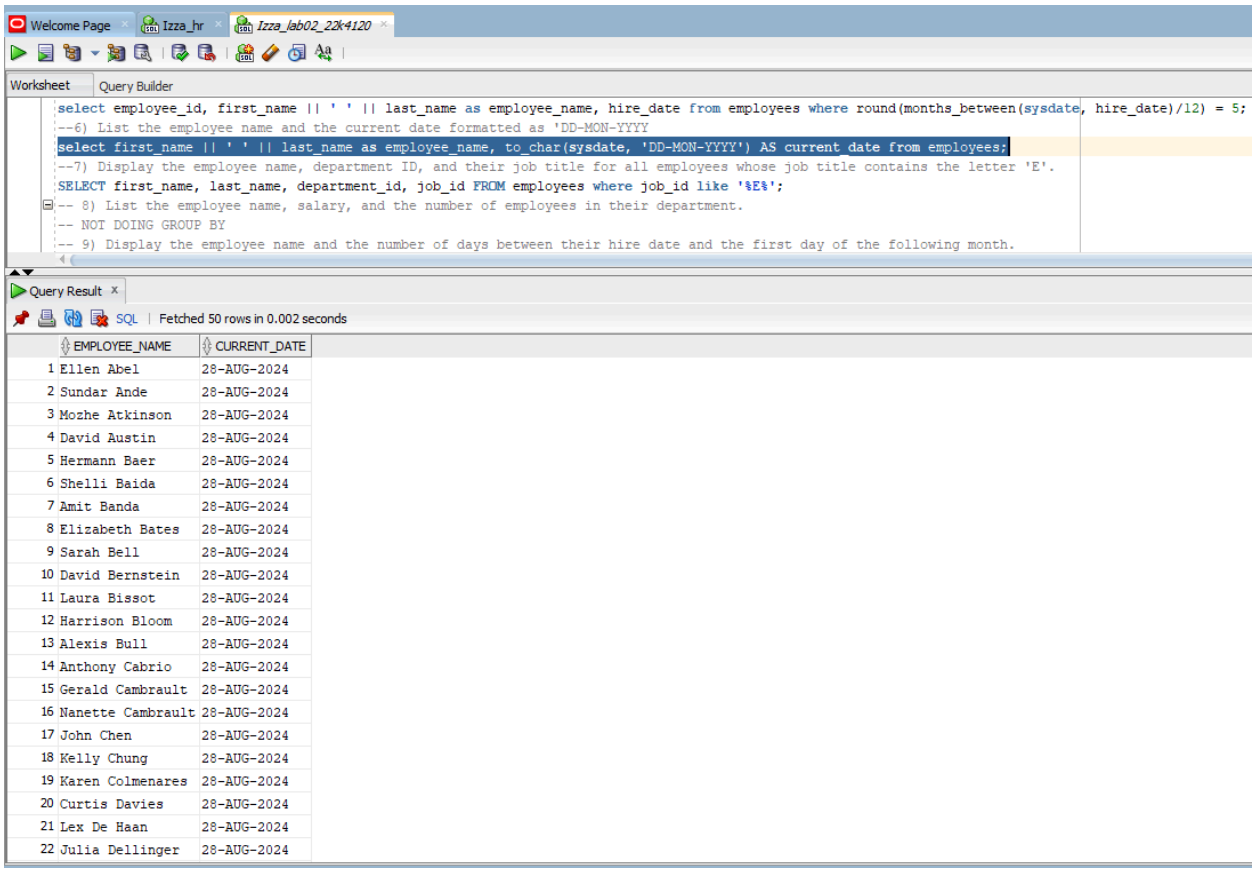
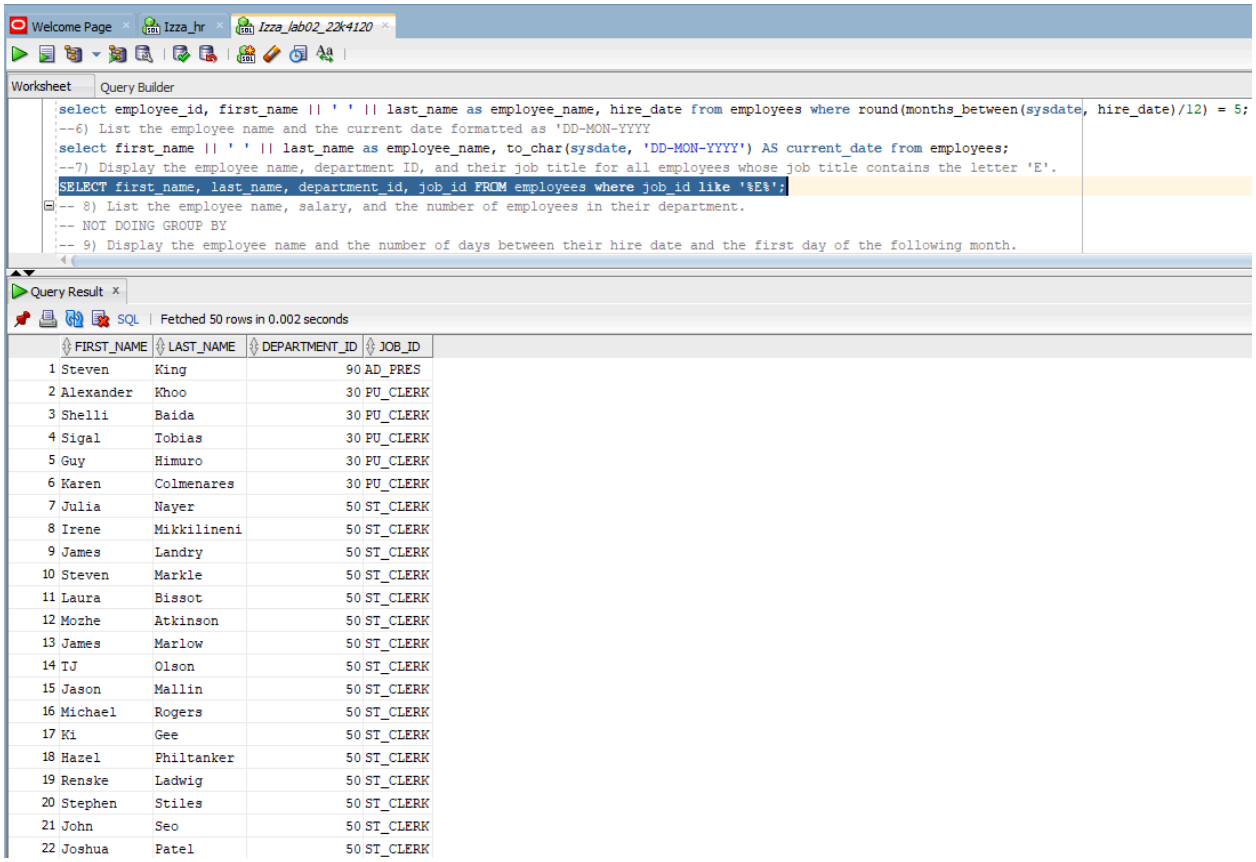
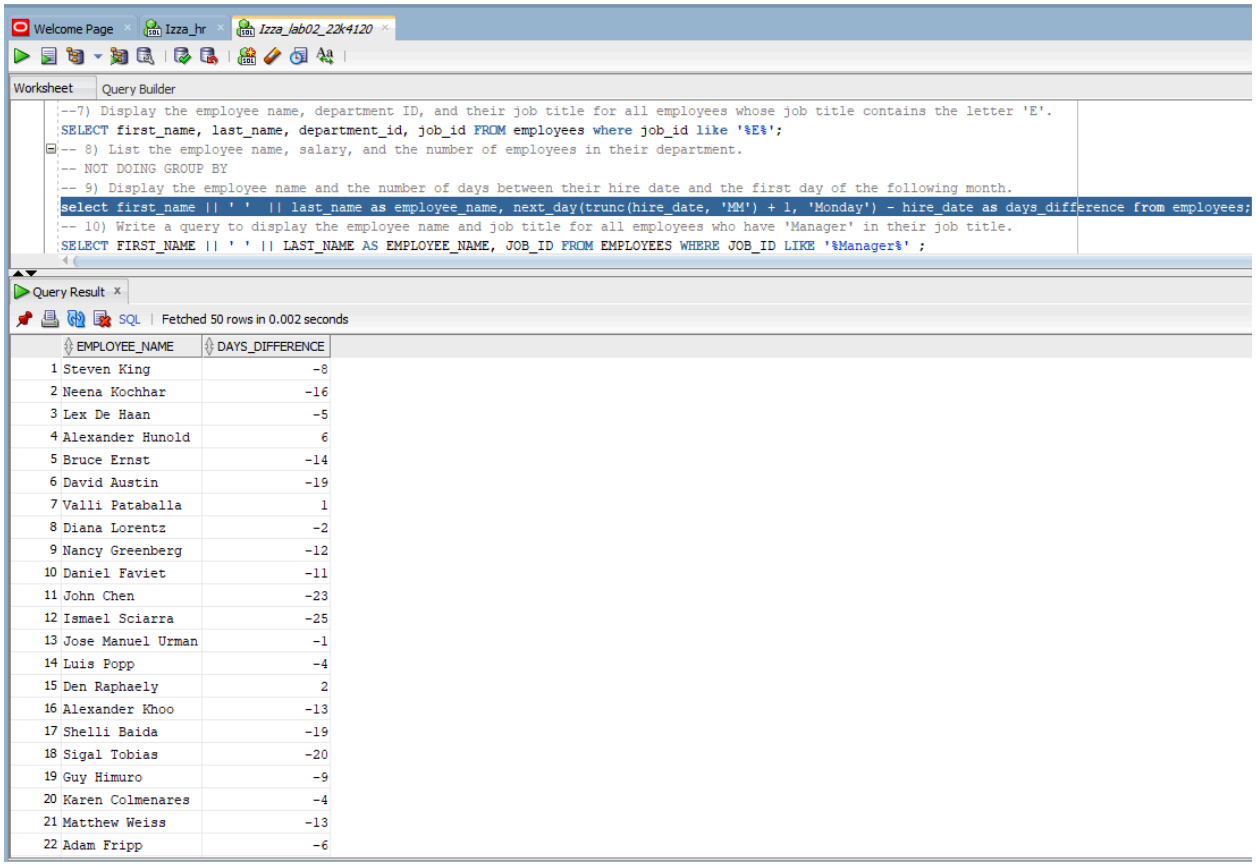
Worksheet
Query Builder
--4) List the employee names with any leading zeros removed from their employee ID
select first_name||' '||last_name as employee_name, to_number(employee_id) AS employee_id from employees;
--5) Find the names of employees who have been with the company for exactly 5 years and display their employee ID, name, and hire date.
select employee_id, first_name || ' ' || last_name as employee_name, hire_date from employees where round(months_between(sysdate, hire_date)/12) = 5;
--6) List the employee name and the current date formatted as 'DD-MON-YYYY
select first_name || ' ' || last_name as employee_name, to_char(sysdate, 'DD-MON-YYYY') AS current_date from employees;
--7) Display the employee name, department ID, and their job title for all employees whose job title contains the letter 'E'.
SELECT first_name, last_name, department_id, job_id FROM employees where job_id like '%E%';
Query Result
SQL
All Rows Fetched: 0 in 0.001 seconds
EMPLOYE...
EMPLOYE...
HIRE_DATE



	EMPLOYEE_NAME	CURRENT_DATE
1	Ellen Abel	28-AUG-2024
2	Sundar Ande	28-AUG-2024
3	Mozhe Atkinson	28-AUG-2024
4	David Austin	28-AUG-2024
5	Hermann Baer	28-AUG-2024
6	Shelli Baida	28-AUG-2024
7	Amit Banda	28-AUG-2024
8	Elizabeth Bates	28-AUG-2024
9	Sarah Bell	28-AUG-2024
10	David Bernstein	28-AUG-2024
11	Laura Bissot	28-AUG-2024
12	Harrison Bloom	28-AUG-2024
13	Alexis Bull	28-AUG-2024
14	Anthony Cabrio	28-AUG-2024
15	Gerald Cambrault	28-AUG-2024
16	Nanette Cambrault	28-AUG-2024
17	John Chen	28-AUG-2024
18	Kelly Chung	28-AUG-2024
19	Karen Colmenares	28-AUG-2024
20	Curtis Davies	28-AUG-2024
21	Lex De Haan	28-AUG-2024
22	Julia Dellinger	28-AUG-2024



	FIRST_NAME	LAST_NAME	DEPARTMENT_ID	JOB_ID
1	Steven	King	90	AD_PRES
2	Alexander	Khoo	30	PU_CLERK
3	Shelli	Baida	30	PU_CLERK
4	Sigal	Tobias	30	PU_CLERK
5	Guy	Himuro	30	PU_CLERK
6	Karen	Colmenares	30	PU_CLERK
7	Julia	Nayer	50	ST_CLERK
8	Irene	Mikkilineni	50	ST_CLERK
9	James	Landry	50	ST_CLERK
10	Steven	Markle	50	ST_CLERK
11	Laura	Bissot	50	ST_CLERK
12	Mozhe	Atkinson	50	ST_CLERK
13	James	Marlow	50	ST_CLERK
14	TJ	Olson	50	ST_CLERK
15	Jason	Mallin	50	ST_CLERK
16	Michael	Rogers	50	ST_CLERK
17	Ki	Gee	50	ST_CLERK
18	Hazel	Philtanker	50	ST_CLERK
19	Renske	Ladwig	50	ST_CLERK
20	Stephen	Stiles	50	ST_CLERK
21	John	Seo	50	ST_CLERK
22	Joshua	Patel	50	ST_CLERK


Welcome Page
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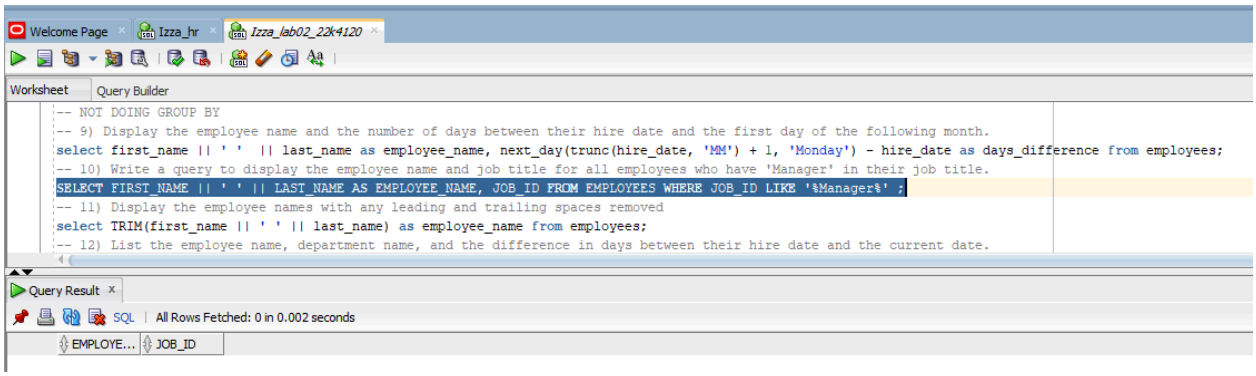
Worksheet
Query Builder
--7) Display the employee name, department ID, and their job title for all employees whose job title contains the letter 'E'.
SELECT first_name, last_name, department_id, job_id FROM employees where job_id like '%E%';
-- 8) List the employee name, salary, and the number of employees in their department.
-- NOT DOING GROUP BY
-- 9) Display the employee name and the number of days between their hire date and the first day of the following month.
select first_name || ' ' || last_name as employee_name, next_day(trunc(hire_date, 'MM') + 1, 'Monday') - hire_date as days_difference from employees;
-- 10) Write a query to display the employee name and job title for all employees who have 'Manager' in their job title.
SELECT FIRST_NAME || ' ' || LAST_NAME AS EMPLOYEE_NAME, JOB_ID FROM EMPLOYEES WHERE JOB_ID LIKE '%Manager%' ;
Query Result
SQL | Fetched 50 rows in 0.002 seconds
EMPLOYEE_NAME
DAYS_DIFFERENCE
1 Steven King -8
2 Neena Kochhar -16
3 Lex De Haan -5
4 Alexander Hunold 6
5 Bruce Ernst -14
6 David Austin -19
7 Valli Pataballa 1
8 Diana Lorentz -2
9 Nancy Greenberg -12
10 Daniel Faviet -11
11 John Chen -23
12 Ismael Sciarra -25
13 Jose Manuel Urman -1
14 Luis Popp -4
15 Den Raphaely 2
16 Alexander Khoo -13
17 Shelli Baida -19
18 Sigal Tobias -20
19 Guy Himuro -9
20 Karen Colmenares -4
21 Matthew Weiss -13
22 Adam Fripp -6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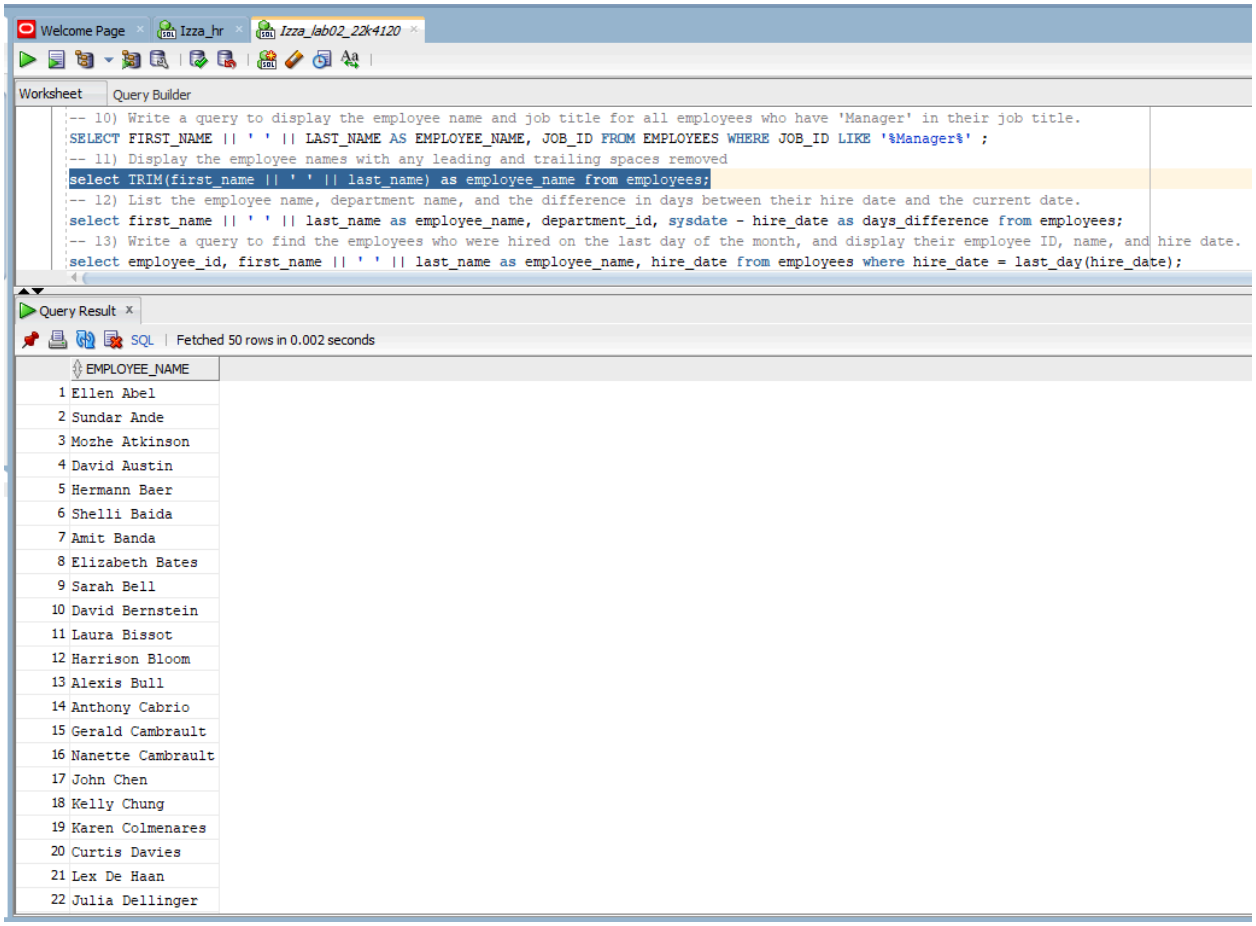
Worksheet
Query Builder
-- NOT DOING GROUP BY
-- 9) Display the employee name and the number of days between their hire date and the first day of the following month.
select first_name || ' ' || last_name as employee_name, next_day(trunc(hire_date, 'MM') + 1, 'Monday') - hire_date as days_difference from employees;
-- 10) Write a query to display the employee name and job title for all employees who have 'Manager' in their job title.
SELECT FIRST_NAME || ' ' || LAST_NAME AS EMPLOYEE_NAME, JOB_ID FROM EMPLOYEES WHERE JOB_ID LIKE '%Manager%' ;
-- 11) Display the employee names with any leading and trailing spaces removed
select TRIM(first_name || ' ' || last_name) as employee_name from employees;
-- 12) List the employee name, department name, and the difference in days between their hire date and the current date.
Query Result
SQL | All Rows Fetched: 0 in 0.002 seconds
EMPLOYE...
JOB_ID


Welcome Page
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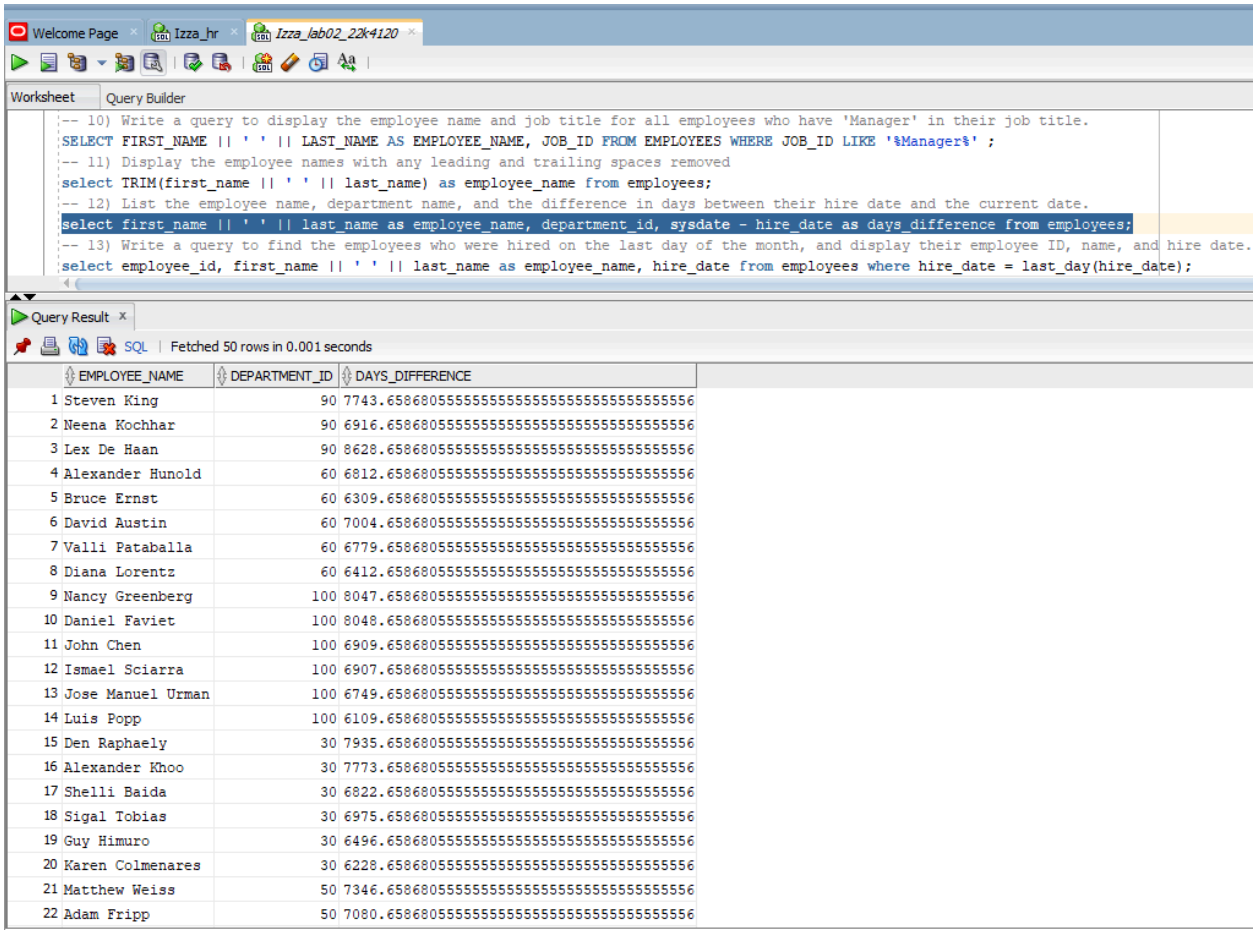
Worksheet
Query Builder
-- 10) Write a query to display the employee name and job title for all employees who have 'Manager' in their job title.
SELECT FIRST_NAME || ' ' || LAST_NAME AS EMPLOYEE_NAME, JOB_ID FROM EMPLOYEES WHERE JOB_ID LIKE '%Manager%' ;
-- 11) Display the employee names with any leading and trailing spaces removed
select TRIM(first_name || ' ' || last_name) as employee_name from employees;
-- 12) List the employee name, department name, and the difference in days between their hire date and the current date.
select first_name || ' ' || last_name as employee_name, department_id, sysdate - hire_date as days_difference from employees;
-- 13) Write a query to find the employees who were hired on the last day of the month, and display their employee ID, name, and hire date.
select employee_id, first_name || ' ' || last_name as employee_name, hire_date from employees where hire_date = last_day(hire_date);
Query Result
SQL | Fetched 50 rows in 0.002 seconds
EMPLOYEE_NAME
1 Ellen Abel
2 Sundar Ande
3 Mozhe Atkinson
4 David Austin
5 Hermann Baer
6 Shelli Baida
7 Amit Banda
8 Elizabeth Bates
9 Sarah Bell
10 David Bernstein
11 Laura Bissot
12 Harrison Bloom
13 Alexis Bull
14 Anthony Cabrio
15 Gerald Cambrault
16 Nanette Cambrault
17 John Chen
18 Kelly Chung
19 Karen Colmenares
20 Curtis Davies
21 Lex De Haan
22 Julia Dellinger



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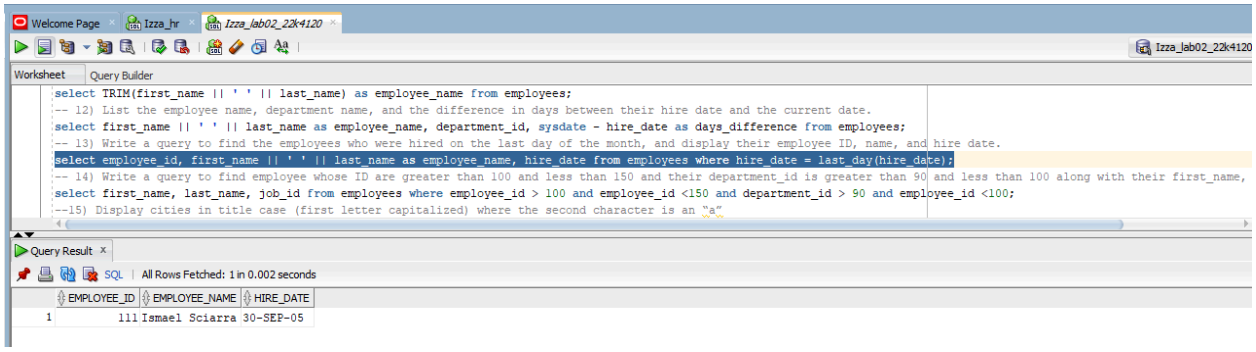
Worksheet | Query Builder

```
-- 10) Write a query to display the employee name and job title for all employees who have 'Manager' in their job title.
SELECT FIRST_NAME || ' ' || LAST_NAME AS EMPLOYEE_NAME, JOB_ID FROM EMPLOYEES WHERE JOB_ID LIKE '%Manager%' ;
-- 11) Display the employee names with any leading and trailing spaces removed
select TRIM(first_name || ' ' || last_name) as employee_name from employees;
-- 12) List the employee name, department name, and the difference in days between their hire date and the current date.
select first_name || ' ' || last_name as employee_name, department_id, sysdate - hire_date as days_difference from employees;
-- 13) Write a query to find the employees who were hired on the last day of the month, and display their employee ID, name, and hire date.
select employee_id, first_name || ' ' || last_name as employee_name, hire_date from employees where hire_date = last_day(hire_date);
```

Query Result | SQL | Fetched 50 rows in 0.001 seconds

	EMPLOYEE_NAME	DEPARTMENT_ID	DAYS_DIFFERENCE
1	Steven King	90	7743.658680555555555555555555555555556
2	Neena Kochhar	90	6916.658680555555555555555555555555556
3	Lex De Haan	90	8628.658680555555555555555555555555556
4	Alexander Hunold	60	6812.658680555555555555555555555555556
5	Bruce Ernst	60	6309.658680555555555555555555555555556
6	David Austin	60	7004.658680555555555555555555555555556
7	Valli Pataballa	60	6779.658680555555555555555555555555556
8	Diana Lorentz	60	6412.658680555555555555555555555555556
9	Nancy Greenberg	100	8047.658680555555555555555555555555556
10	Daniel Faviet	100	8048.658680555555555555555555555555556
11	John Chen	100	6909.658680555555555555555555555555556
12	Ismael Sciarra	100	6907.658680555555555555555555555555556
13	Jose Manuel Urman	100	6749.658680555555555555555555555555556
14	Luis Popp	100	6109.658680555555555555555555555555556
15	Den Raphaely	30	7935.658680555555555555555555555555556
16	Alexander Khoo	30	7773.658680555555555555555555555555556
17	Shelli Baida	30	6822.658680555555555555555555555555556
18	Sigal Tobias	30	6975.658680555555555555555555555555556
19	Guy Himuro	30	6496.658680555555555555555555555555556
20	Karen Colmenares	30	6228.658680555555555555555555555555556
21	Matthew Weiss	50	7346.658680555555555555555555555555556
22	Adam Fripp	50	7080.658680555555555555555555555555556



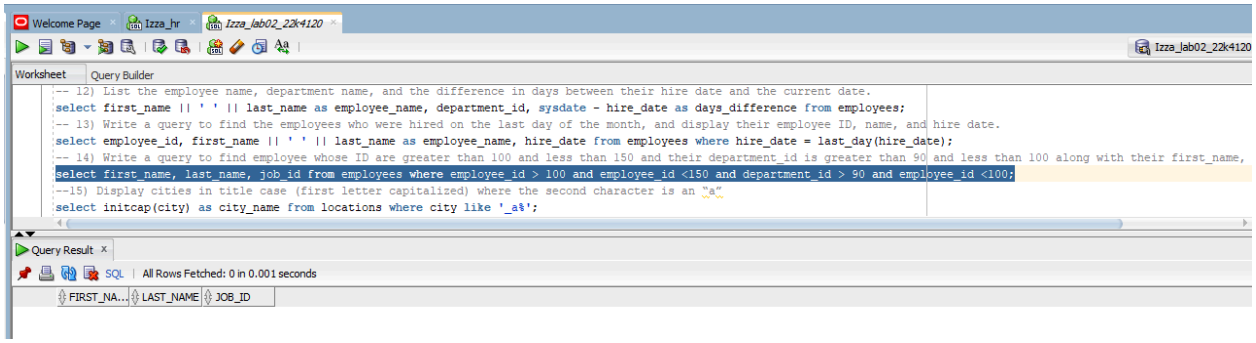
Welcome Page | Izza_hr | Izza_lab02_22k4120

Worksheet | Query Builder

```
select TRIM(first_name || ' ' || last_name) as employee_name from employees;
-- 12) List the employee name, department name, and the difference in days between their hire date and the current date.
select first_name || ' ' || last_name as employee_name, department_id, sysdate - hire_date as days_difference from employees;
-- 13) Write a query to find the employees who were hired on the last day of the month, and display their employee ID, name, and hire date.
select employee_id, first_name || ' ' || last_name as employee_name, hire_date from employees where hire_date = last_day(hire_date);
-- 14) Write a query to find employee whose ID are greater than 100 and less than 150 and their department_id is greater than 90 and less than 100 along with their first_name,
select first_name, last_name, job_id from employees where employee_id > 100 and employee_id <150 and department_id > 90 and employee_id <100;
--15) Display cities in title case (first letter capitalized) where the second character is an "a"
```

Query Result | SQL | All Rows Fetched: 1 in 0.002 seconds

	EMPLOYEE_ID	EMPLOYEE_NAME	HIRE_DATE
1	111	Ismael Sciarra	30-SEP-05



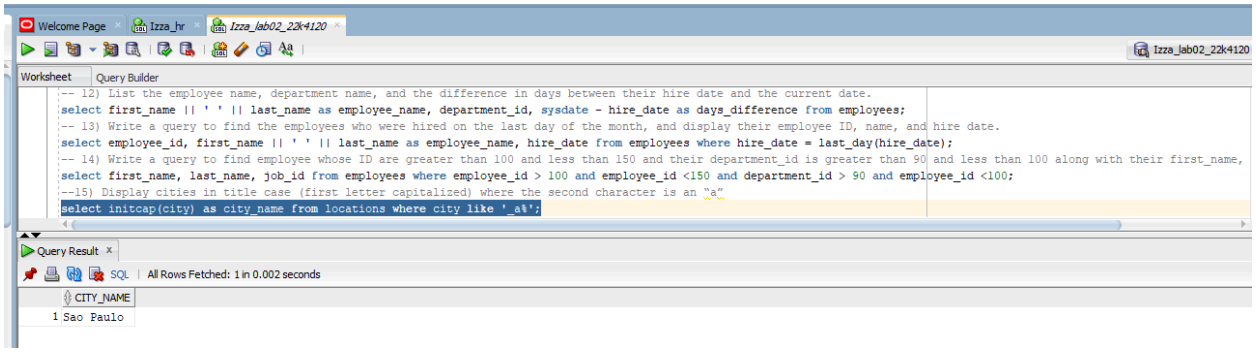
Welcome Page | Izza_hr | Izza_lab02_22k4120

Worksheet | Query Builder

```
-- 12) List the employee name, department name, and the difference in days between their hire date and the current date.
select first_name || ' ' || last_name as employee_name, department_id, sysdate - hire_date as days_difference from employees;
-- 13) Write a query to find the employees who were hired on the last day of the month, and display their employee ID, name, and hire date.
select employee_id, first_name || ' ' || last_name as employee_name, hire_date from employees where hire_date = last_day(hire_date);
-- 14) Write a query to find employee whose ID are greater than 100 and less than 150 and their department_id is greater than 90 and less than 100 along with their first_name,
select first_name, last_name, job_id from employees where employee_id > 100 and employee_id <150 and department_id > 90 and employee_id <100;
--15) Display cities in title case (first letter capitalized) where the second character is an "a"
select initcap(city) as city_name from locations where city like '_a%';
```

Query Result | SQL | All Rows Fetched: 0 in 0.001 seconds

FIRST_NA...	LAST_NAME	JOB_ID


Welcome Page
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Izza_lab02_22k4120
Worksheet
Query Builder
-- 12) List the employee name, department name, and the difference in days between their hire date and the current date.
select first_name || ' ' || last_name as employee_name, department_id, sysdate - hire_date as days_difference from employees;
-- 13) Write a query to find the employees who were hired on the last day of the month, and display their employee ID, name, and hire date.
select employee_id, first_name || ' ' || last_name as employee_name, hire_date from employees where hire_date = last_day(hire_date);
-- 14) Write a query to find employee whose ID are greater than 100 and less than 150 and their department_id is greater than 90 and less than 100 along with their first_name,
select first_name, last_name, job_id from employees where employee_id > 100 and employee_id <150 and department_id > 90 and employee_id <100;
--15) Display cities in title case (first letter capitalized) where the second character is an "a"
select initcap(city) as city_name from locations where city like '_a%';
Query Result
SQL
All Rows Fetched: 1 in 0.002 seconds
CITY_NAME
1 Sao Paulo