**Practical 2: Queries using Wildcard special Operators**

**NAME- Yagni Patel**

**ENROLLMENT NO.- 20BSCCS22015**

1. Write a query to list the names (first and last) of those employees whose name starts with A.

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SQL> connect system/bsccs Connected.

SQL> alter user hr account unlock;

User altered.

SQL> alter user hr identified by hr;

User altered.

SQL> connect hr/hr; Connected.

SQL> select \* from employees;

( 107 ROWS)

107 rows selected.

SQL> select first\_name,last\_name from employees

2 where first\_name like 'A%';

FIRST\_NAME LAST\_NAME

-------------------- ------------------------- Amit

Banda

Alexis Bull

Anthony Cabrio

Alberto Errazuriz

Adam Fripp

Alexander Hunold

Alyssa Hutton

Alexander Khoo

Allan McEwen

Alana Walsh

10 rows selected.

1. Write a query to list the names (first and last) of those employees whose last name ends with a.

SQL> select first\_name,last\_name from employees

* 1. where last\_name like '%a';

FIRST\_NAME LAST\_NAME -------------------- -------------------------

Shelli Baida

Amit Banda

Valli Pataballa Ismael

Sciarra

1. Write a query to list the names (first and last) of those employees whose name have second alphabet 's' in their names.

SQL> select first\_name, last\_name from employees

* 1. where first\_name like '\_s%';

FIRST\_NAME LAST\_NAME

-------------------- ------------------------- Ismael

Sciarra

1. Write a query to list the names (first and last) of those employees whose first name has only five characters.

SQL> select first\_name, last\_name from employees

* 1. where length(first\_name) = 5;

FIRST\_NAME LAST\_NAME

-------------------- ------------------------- Ellen

Abel

Mozhe Atkinson

David Austin

Sarah Bell

David Bernstein

Laura Bissot

Kelly Chung

Karen Colmenares

Julia Dellinger

Bruce Ernst

Kevin Feeney

FIRST\_NAME LAST\_NAME

-------------------- ------------------------- Nancy Greenberg

Peter Hall

Vance Jones

Payam Kaufling Neena Kochhar

James Landry

David Lee

Diana Lorentz

Jason Mallin

James Marlow

Susan Mavris

FIRST\_NAME LAST\_NAME

-------------------- ------------------------- Allan

McEwen

Irene Mikkilineni

Kevin Mourgos

Julia Nayer

Karen Partners

Valli Pataballa

Hazel Philtanker

Sigal Tobias

Peter Tucker

Peter Vargas

Clara Vishney

FIRST\_NAME LAST\_NAME ----------

---------- ------------------------- Alana

Walsh

Eleni Zlotkey

35 rows selected.

1. Write a query to list the names (first and last) of those employees whose first name has only five characters and starts with 'A'

SQL> select first\_name, last\_name from employees

* 1. where first\_name like 'A%' and length (first\_name) = 5;

FIRST\_NAME LAST\_NAME

-------------------- ------------------------- Allan

McEwen

Alana Walsh

1. Write a query to list the names (first and last) of those employees whose first name has only five characters and last name have third alphabet 's'.

SQL> select first\_name,last\_name from employees

* 1. where length (first\_name) = 5 and last\_name like '\_\_s%';

FIRST\_NAME LAST\_NAME

-------------------- ------------------------- David Austin

Laura Bissot

Clara Vishney

1. Write a query to list the names (first and last) of the employees whose first name has only five characters and starting with 'S' and ending with 'n'.

SQL> select first\_name,last\_name from employees

* 1. where length (first\_name) = 5 and first\_name like 'S%n';

FIRST\_NAME LAST\_NAME

-------------------- ------------------------- Susan

Mavris

1. Write a query to list the names (first and last), hire date of those employees who joined in the month of which second character is 'u'.

SQL> select first\_name, last\_name, hire\_date from employees

2 where to\_char(hire\_date, 'MON') like '\_U%';

FIRST\_NAME LAST\_NAME HIRE\_DATE

-------------------- ------------------------- --------- Steven King 17-JUN-03

David Austin 25-JUN-05

Nancy Greenberg 17-AUG-02

Daniel Faviet 16-AUG-02

Sigal Tobias 24-JUL-05

Karen Colmenares 10-AUG-07

Matthew Weiss 18-JUL-04

Julia Nayer 16-JUL-05

Laura Bissot 20-AUG-05

Jason Mallin 14-JUN-04

Michael Rogers 26-AUG-06

FIRST\_NAME LAST\_NAME HIRE\_DATE

-------------------- ------------------------- ---------

Renske Ladwig 14-JUL-03

Peter Vargas 09-JUL-06

Peter Hall 20-AUG-05

Allan McEwen 01-AUG-04

Martha Sullivan 21-JUN-07

Julia Dellinger 24-JUN-06

Kelly Chung 14-JUN-05

Jennifer Dilly 13-AUG-05

Timothy Gates 11-JUL-06

Samuel McCain 01-JUL-06

Donald OConnell 21-JUN-07

FIRST\_NAME LAST\_NAME HIRE\_DATE

-------------------- ------------------------- --------- Pat Fay 17-AUG-05

Susan Mavris 07-JUN-02

Hermann Baer 07-JUN-02

Shelley Higgins 07-JUN-02

William Gietz 07-JUN-02

27 rows selected.

9. Write a query to list the names (first and last), salary of those employees whose salary is four digit number ending with Zero.

SQL> select first\_name,last\_name,salary from employees

2 where length (salary) = 4 and salary like '%0';

FIRST\_NAME LAST\_NAME SALARY

-------------------- ------------------------- ---------- Alexander Hunold 9000

Bruce Ernst 6000

David Austin 4800

Valli Pataballa 4800

Diana Lorentz 4200

Daniel Faviet 9000

John Chen 8200

Ismael Sciarra 7700

Jose Manuel Urman 7800

Luis Popp 6900

Alexander Khoo 3100

FIRST\_NAME LAST\_NAME SALARY

-------------------- ------------------------- ---------- Shelli Baida 2900

Sigal Tobias 2800

Guy Himuro 2600

Karen Colmenares 2500

Matthew Weiss 8000

Adam Fripp 8200

Payam Kaufling 7900

Shanta Vollman 6500

Kevin Mourgos 5800

Julia Nayer 3200

Irene Mikkilineni 2700

FIRST\_NAME LAST\_NAME SALARY

-------------------- ------------------------- ---------- James Landry 2400

Steven Markle 2200

Laura Bissot 3300

Mozhe Atkinson 2800

James Marlow 2500

TJ Olson 2100

Jason Mallin 3300

Michael Rogers 2900

Ki Gee 2400

Hazel Philtanker 2200

Renske Ladwig 3600

FIRST\_NAME LAST\_NAME SALARY

-------------------- ------------------------- ---------- Stephen Stiles 3200

John Seo 2700

Joshua Patel 2500

Trenna Rajs 3500

Curtis Davies 3100

Randall Matos 2600

Peter Vargas 2500

David Bernstein 9500

Peter Hall 9000

Christopher Olsen 8000

Nanette Cambrault 7500

FIRST\_NAME LAST\_NAME SALARY

-------------------- ------------------------- ---------- Oliver Tuvault 7000

Patrick Sully 9500

Allan McEwen 9000

Lindsey Smith 8000

Louise Doran 7500

Sarath Sewall 7000

Danielle Greene 9500

Mattea Marvins 7200

David Lee 6800

Sundar Ande 6400

Amit Banda 6200

FIRST\_NAME LAST\_NAME SALARY

-------------------- ------------------------- ---------- Tayler Fox 9600

William Smith 7400

Elizabeth Bates 7300

Sundita Kumar 6100 Alyssa Hutton 8800

Jonathon Taylor 8600

Jack Livingston 8400

Kimberely Grant 7000

Charles Johnson 6200

Winston Taylor 3200

Jean Fleaur 3100

FIRST\_NAME LAST\_NAME SALARY

-------------------- ------------------------- ---------- Martha Sullivan 2500

Girard Geoni 2800

Nandita Sarchand 4200

Alexis Bull 4100

Julia Dellinger 3400

Anthony Cabrio 3000

Kelly Chung 3800

Jennifer Dilly 3600

Timothy Gates 2900

Randall Perkins 2500

Sarah Bell 4000

FIRST\_NAME LAST\_NAME SALARY

-------------------- ------------------------- ---------- Britney Everett 3900

Samuel McCain 3200

Vance Jones 2800

Alana Walsh 3100

Kevin Feeney 3000

Donald OConnell 2600

Douglas Grant 2600

Jennifer Whalen 4400

Pat Fay 6000

Susan Mavris 6500

William Gietz 8300 88 rows selected.

10. Write a query to list the names (first and last), salary of those employees whose names having a character set 'll' together.

SQL> select first\_name, last\_name, salary from employees

2 where first\_name like '%ll%';

FIRST\_NAME LAST\_NAME SALARY

-------------------- ------------------------- ---------- Valli Pataballa 4800

Shelli Baida 2900

Randall Matos 2600

Allan McEwen 9000

Danielle Greene 9500

William Smith 7400

Ellen Abel 11000

Kelly Chung 3800

Randall Perkins 2500

Shelley Higgins 12008

William Gietz 8300 11 rows selected.

11. Write a query to list first\_name, last\_name of employees with the pattern 'l\_x' in their first name.

SQL> select first\_name, last\_name from employees

1. where first\_name like '%l\_x%'
2. order by first\_name;

FIRST\_NAME LAST\_NAME

-------------------- ------------------------- Alexander

Hunold

Alexander Khoo

Alexis Bull