

Name: marupaka sai ganesh

Anudip Id : AF0400928

1) write a query to display the instructor's last name whose mail ID starts with 'b' from the instructor table.

QueryQuery History

1SELECT * FROM instructor;

Data OutputMessagesNotifications

SQL

	instructorid [PK] integer	firstname character varying (50)	lastname character varying (50)	email character varying (100)
1	1	Alice	Williams	alice.williams@example.com
2	2	Robert	Brown	robert.brown@example.com
3	3	Laura	Miller	laura.miller@example.com
4	4	James	Wilson	james.wilson@example.com
5	5	Mary	Moore	mary.moore@example.com

QueryQuery History

1-- 1) write a query to display the instructor's

2-- last name whose mail ID starts with 'b' from the instructor table.

3

4-- SELECT lastname: This part of the query specifies that you want to retrieve the lastname column.

5-- FROM instructor: This specifies that the data should be retrieved from the instructor table.

6-- WHERE email LIKE 'b%': This condition filters the rows to include only those where the email

7-- column starts with the letter 'b'. The % wildcard allows

8-- for any number of characters to follow the initial 'b'.

9

10SELECT lastname FROM instructor

11WHERE email LIKE 'b%';

Data OutputMessagesNotifications

SQL

lastname character varying (50)

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2) write a query to display the details of the student whose first name ends with the vowels from the student table.

Query

Query History

1

SELECT * FROM student;

Data Output

Messages

Notifications

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SQL

	studentid [PK] integer	firstname character varying (50)	lastname character varying (50)	dateofbirth date	gender character	email character varying (100)	phone character varying (20)
1	2	Jane	Smith	2001-02-20	F	jane.smith@example.com	234-567-8901
2	3	Michael	Johnson	1999-03-25	M	michael.johnson@example.com	345-678-9012
3	4	Emily	Davis	2002-04-30	F	emily.davis@example.com	456-789-0123
4	5	David	Brown	2000-05-05	M	david.brown@example.com	567-890-1234
5	1	Jane	Smith	2000-01-15	M	jane_Smith@example.com	123-456-7890

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QueryQuery History

1-- To display the details of students whose first names end with
2-- a vowel (a, e, i, o, u) from the 'student' table, you can use the
3-- 'LIKE' operator with multiple conditions for each vowel. Here's
4-- how you can write this query:
5
6
7SELECT *
8FROM student
9WHERE firstname LIKE '%a'
10OR firstname LIKE '%e'
11OR firstname LIKE '%i'
12OR firstname LIKE '%o'
13OR firstname LIKE '%u';
14

Data OutputMessagesNotifications

SQL

	studentid [PK] integer	firstname character varying (50)	lastname character varying (50)	dateofbirth date	gender character	email character varying (100)	phone character varying (15)
1	2	Jane	Smith	2001-02-20	F	jane.smith@example.com	234-567-8901
2	1	Jane	Smith	2000-01-15	M	jane_Smith@example.com	123-456-7890

3)write a query to display the details of the student whose first name contains the vowels from the student table.

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QueryQuery History

1SELECT * FROM Student;

Data OutputMessagesNotifications

SQL

	studentid [PK] integer	firstname character varying (50)	lastname character varying (50)	dateofbirth date	gender character	email character varying (100)	phone character varying (10)
1	2	Jane	Smith	2001-02-20	F	jane.smith@example.com	234-567-8901
2	3	Michael	Johnson	1999-03-25	M	michael.johnson@example.com	345-678-9012
3	4	Emily	Davis	2002-04-30	F	emily.davis@example.com	456-789-0123
4	5	David	Brown	2000-05-05	M	david.brown@example.com	567-890-1234
5	1	Jane	Smith	2000-01-15	M	jane_Smith@example.com	123-456-7890

QueryQuery History

1-- To display the details of students whose first names contain any vowel (a, e, i, o, u) from
2-- the student table, you can use the LIKE operator with multiple conditions for each vowel.This
3-- query will select all columns (*) from the student table where the firstname column
4-- contains any of the specified vowels. The % wildcards are used to match any number of characters
5-- before and after the vowel.
6SELECT *
7FROM student
8WHERE firstname LIKE '%a%'
9OR firstname LIKE '%e%'
10OR firstname LIKE '%i%'
11OR firstname LIKE '%o%'
12OR firstname LIKE '%u%';

Data OutputMessagesNotifications

SQL

	studentid [PK] integer	firstname character varying (50)	lastname character varying (50)	dateofbirth date	gender character	email character varying (100)	phone character varying (10)
1	2	Jane	Smith	2001-02-20	F	jane.smith@example.com	234-567-8901
2	3	Michael	Johnson	1999-03-25	M	michael.johnson@example.com	345-678-9012
3	4	Emily	Davis	2002-04-30	F	emily.davis@example.com	456-789-0123
4	5	David	Brown	2000-05-05	M	david.brown@example.com	567-890-1234
5	1	Jane	Smith	2000-01-15	M	jane_Smith@example.com	123-456-7890

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4)write a query to display the details of the student whose last name ends with the other than vowels from the student table.

QueryQuery History

1SELECT * FROM Student;

Data OutputMessagesNotifications

SQL

	studentid [PK] integer	firstname character varying (50)	lastname character varying (50)	dateofbirth date	gender character	email character varying (100)	phone character varying (15)
1	2	Jane	Smith	2001-02-20	F	jane.smith@example.com	234-567-8901
2	3	Michael	Johnson	1999-03-25	M	michael.johnson@example.com	345-678-9012
3	4	Emily	Davis	2002-04-30	F	emily.davis@example.com	456-789-0123
4	5	David	Brown	2000-05-05	M	david.brown@example.com	567-890-1234
5	1	Jane	Smith	2000-01-15	M	jane_Smith@example.com	123-456-7890

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QueryQuery History

1SELECT *
2FROM student
3WHERE lastname NOT LIKE '%a'
4AND lastname NOT LIKE '%e'
5AND lastname NOT LIKE '%i'
6AND lastname NOT LIKE '%o'
7AND lastname NOT LIKE '%u';

Data OutputMessagesNotifications

SQL

	studentid [PK] integer	firstname character varying (50)	lastname character varying (50)	dateofbirth date	gender character	email character varying (100)	phone character varying (10)
1	2	Jane	Smith	2001-02-20	F	jane.smith@example.com	234-567-8901
2	3	Michael	Johnson	1999-03-25	M	michael.johnson@example.com	345-678-9012
3	4	Emily	Davis	2002-04-30	F	emily.davis@example.com	456-789-0123
4	5	David	Brown	2000-05-05	M	david.brown@example.com	567-890-1234
5	1	Jane	Smith	2000-01-15	M	jane_Smith@example.com	123-456-7890