Sql MiniProject

1. SELECT \* FROM artist
2. SELECT first\_name, last\_name, country FROM employee
3. SELECT the name, composer, milliseconds

FROM track

WHERE milliseconds > 299000

1. SELECT count FROM track WHERE milliseconds > 299000.
2. SELECT avg(milliseconds)FROM track
3. SELECT count(invoice\_id)

FROM invoice

WHERE billing\_country ILIKE 'USA'

1. SELECT \*

FROM customer

WHERE first\_name LIKE '%a%'

1. SELECT milliseconds

FROM track

ORDER BY milliseconds DESC

Limit 10;

1.CREATE TABLE person(

id SERIAL NOT NULL PRIMARY KEY,

name Text,

age int,

height float,

city Text,

favorite\_color Text

)

2. INSERT INTO person ( name, age, height, city, favorite\_color )

VALUES ( 'bob',10,182,'dallas','red'),

( 'joe',12,186,'grapevine','blue'),

( 'john',14,186,'fort worth','black'),

( 'billy',16,180,'frisco','green'),

( 'jane',18,170,'bedford','purple');

3. select \*

from person

Order by height desc

4. select \*

from person

Order by height asc

5. select \*

from person

Order by age desc

6. select \*

from person

WHERE age > 20

7. select \*

from person

where age=18

8. select \*

from person

where age<20 or age>30

9.Select \* FROM person WHERE age !=27

10. SELECT \*

FROM person

WHERE favorite\_color NOT ILIKE 'red';

11. SELECT \*

FROM person

WHERE favorite\_color NOT ILIKE 'red'

AND favorite\_color NOT ILIKE 'blue';

12. SELECT \*

FROM person

WHERE favorite\_color ILIKE 'orange'

or favorite\_color ILIKE 'green';

13. SELECT \*

FROM person

WHERE favorite\_color in ('orange','green','blue');

14. SELECT \*

FROM person

WHERE favorite\_color in ('yellow','purple');

Section2

1. CREATE TABLE orders (

order\_id SERIAL NOT NULL PRIMARY KEY,

person\_id integer,

product\_name TEXT,

product\_price FLOAT,

quantity INTEGER

)

2.InSERT INTO orders( order\_id, person\_id, product\_name, product\_price, quantity)

VALUES (1,20,'something',20.00,2),

(2,22,'somethingx',22.00,2),

(3,24,'somethingy',30.00,1),

(4,26,'somethingz',25.00,3),

(5,28,'somethingx',22.00,2);

3.SELECT \* from orders

4. SELECT SUM(quantity) from orders

5. SELECT SUM(quantity\*product\_price) from orders

6. SELECT SUM(quantity\*product\_price) from orders WHERE person\_id =22;

Note: to get all sums for each person\_id

SELECT person\_id,SUM(quantity\*product\_price)

from orders

GROUP BY person\_id

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1.INSERT INTO artist (name)

VALUES ('Randy Blythe'),('Mark Morton'),('John Campbell')

2. SELECT \* from artist order by name desc LIMIT 10;

3. SELECT \* from artist order by name asc LIMIT 5;

4. SELECT \* from artist WHERE name Like 'Black%';

5. SELECT \* from artist WHERE name Like '%Black%';

1. SELECT first\_name,last\_name from employee WHERE city Like 'Calgary';

2. SELECT birth\_date from employee order by birth\_date desc Limit 1;

3. SELECT birth\_date from employee order by birth\_date asc Limit 1;

4. SELECT \* from employee WHERE reports\_to =2

5. SELECT count(\*) from employee WHERE city = 'Lethbridge'

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1. SELECT COUNT(\*) FROM invoice WHERE billing\_country = 'USA';
2. SELECT MAX(total) from invoice
3. SELECT MIN(total) from invoice
4. SELECT \* FROM invoice WHERE total > 5;
5. SELECT COUNT(\*) FROM invoice WHERE total < 5;
6. SELECT COUNT(\*) FROM invoice WHERE billing\_state in ('CA', 'TX', 'AZ');
7. SELECT AVG(total) FROM invoice;
8. SELECT SUM(total) FROM invoice;