Milad Azizi

1.Are there any security concerns with using a GET method to retrieve data from a database?

SQL injection is one of the most common security reasons that happens by placement of malicious code in SQL statement

2. Consider a student table with a number of columns, and one being the state the student lived in. How would you find the number of students who live in NC?

SELECT city, count(student_name)

FROM student_table

GROUP BY city;

3. How can you cut a round cake into 8 equal slices, but only cutting three times?

First cut should be one horizontally down the center of the cake and second cut should be vertically down the center of the cake .and third cut should cut stack of 4 pieces in half.

4. in your own words, describe Structured Query language?

SQL is a programming language used for manipulating data in database such as retrieve and insert data into database tables.

5.How do you switch columns and rows in Oracle SQL?

UNPIVOT operator

SELECT col1,col2

FROM table

UNPIVOT (

col1,col2 IN (

row1,row2

)

) UNPVT