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1. what is difference between NULL value, zero and blank space?

NULL value is empty and means no value set and unassigned but zero is just number and blank space is just empty string.

2. do runtimes errors exist in python? give an example?

Yes, it does, during the execution of one of the statements in the program, an error occurred that caused the interpreter to stop executing the program and display an error message.

Example: Misspelled or incorrectly capitalized variable and function names

3. Different between security group and network access control list?

Security group: operates at the instance level, support allow rules only, stateful

NACL: operates at the subnet level, supports allow rules and deny rules and stateless

4. JAVA

5. how do you perform roll up?

The ROLLUP is an extension of the GROUP BY clause. The ROLLUP option allows you to include extra rows that represent the subtotals

```
SELECT
  d1,
  d2,
  d3,
  aggregate_function(c4)
FROM
  table_name
GROUP BY
  ROLLUP (d1, d2, d3);
```