What is the difference between WHERE clause and HAVING clause?

WHERE is used to filter rows without or before grouping, while HAVING is used to exclude rows after grouping

What are the benefits of CTEs?

CTE improves code readability, provides recursion, and makes it easier to maintain code.

What is the difference between CTE and View?

They have a similar functionality but view stores the information in metadata while the CTE does not

What is the difference between passing by value and reference

Passing by value means the value of the variable will remain the same after the function executes even if it changes in the function. Passing by reference means the function can change the value of the variable.

What are the differences between interface and abstract classes?

A classes can use multiple interfaces, but can only use one abstract class.

An abstract class allows for creation and implementation of functionality that can be overwritten by subclasses while interfaces only allow for defining of the functionality not implementation.

Abstract class can contain methods, constants, fields, and more while and interface can only contain methods