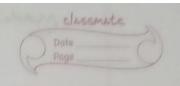Q. Importance of Java.Util Pakage in Java.

The java.util pakage is one of the most important and widely used pakages in java. It contains utility classes and interfaces that support a variety of common programming tasks, including:

* Data Structures
* Datal and time utilities
* Random number generation
* String tokenization.
* Legacy classes for properties and vectors.

Five commonly Used classes:

1. ArrayList : A resizable array implementation of the List interface.

2. Scanner : Used to read input from various sources (keyboard, file, etc)

3. Collections : utility class for performing operations on collections, like sorting and shuffling.

4 - Date : Represents a specific instant in time. Mostly replaced by java. time in newer java versions.

5 - LinkedList : A doubly - linked list implementation of the list and Deque interfaces.

Q - Chained Exceptions in Java.

It allows you to associate one exception with another. This is useful when an exception is a result of another underlying exception, helping to preserve the root cause of an error.

Uses :
* Helps with debugging by showing the original cause of an exception.
* Layed applications, where low - level exceptions are wrapped in higher - level ones.