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DATA TYPES IN JAVA



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Imagine your computer is like a magical box that can hold different types of treasures. These treasures can be small like a single coin or big like a shiny gemstone!





In Java, data types are like special labels that tell the computer how much space to set aside for each treasure and what kind of treasure it can hold.

There are two types of data types:

****Primitive****

****Non-primitive**.**



1. Primitive Data Types: They are like small, charming boxes that hold simple treasures. We have:

boolean: A tiny box that can have either "true" or "false" – just like a magical switch!

char: A cute box for single letters or special symbols, such as 'A' or '\$'.

byte, short, int, long: These are boxes of different sizes to store whole numbers.

Some can hold small numbers, while others handle colossal values!

float and double: These are special boxes for numbers with decimals, like 3.14 or 2.718!



2. Non-primitive Data Types: They are like magical containers that hold more complex treasures! We have:

Classes: Picture a magical chest that stores a group of related treasures.

Inside, you can have a person's name, age, and favorite color - all together in one place!

Interfaces: These are like sets of rules or instructions for treasures to be part of a special club. All treasures within the club must know certain magic tricks!

Arrays: They are treasure chests that hold many treasures of the same type. Think of them as organizers for your favorite toys, like cars, dolls, or balls!



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Unraveling Data Types in Java: 2

Mind-Boggling Interview Questions and Answers!



*Question 1:
You have two variables num1 and num2 of data type int. The task is to swap their values without using any extra variable.*



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*Question 2:
You have a double
variable price
representing the price
of a product. You need
to convert it to an int
data type while
rounding off the value.*



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