Java Day 1: Basics, Data Types, Type Casting - Practice Sheet

Day 1 - Java Intro, Setup, HelloWorld + Data Types, Variables + Type Casting

Topics Covered:

- Java Introduction & First Program

- Data Types & Variables

- Type Casting (Widening & Narrowing)

- Output-Based Questions

- ASCII & Swapping Logic

- Type Promotion

- Simple Expressions

Practice Questions

Practice Questions:

1. Write a program to print "Hello, World!"

2. Declare variables of all primitive types (byte, short, int, long, float, double, char, boolean) and print them

3. Convert an int to float and print both

4. Convert a double to int and print both

5. Predict the output:

int a = 'A';

System.out.println(a);

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6. Swap two numbers using a temporary variable

7. Swap two numbers without using third variable

8. Input a character and print its ASCII value

9. Predict the output:

int x = 5;

double y = 10;

System.out.println(x + y);

10. Declare 2 int and 2 float variables. Add all 4 and print the result

11. Take name as String and age as int. Print in format:

My name is Raj and I am 20 years old.