SESSION 4: OOPs: INHERITANCE & POLYMORPHISM, PACKAGES

Assignment 3

SESSION 4: OOPS: INHERITANCE & POLYMORPHISM, PACKAGES

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1. Introduction

This assignment will test your knowledge on Inheritance and Method Overriding.

2. Objective

This assignment will help you to master the following concepts:

- Inheritance

- Method Overriding

- super keyword

3. Prerequisites

Not applicable.

4. Associated Data Files

Not applicable.

5. Problem Statement

Assume that class A extends class B, which extends class C. Also all the three classes implement the method test(). How can a method in a class A invoke the test() method defined in class C (without creating a new instance of class C).

6. Expected Output

Select the one correct answer.
a. test();
b. super.test();
c. super.super.test();
d. ::test();
e. C.test();
f. It is not possible to invoke test() method defined in C from a method in A.

7. Approximate Time to Complete Task

20 mins