

School of Electrical & Computing
Department of Computer Science

Advanced programming test-1

Name _____ Id _____ Sec _____ Time: 1hr

I. Choose the best answer (5 points)

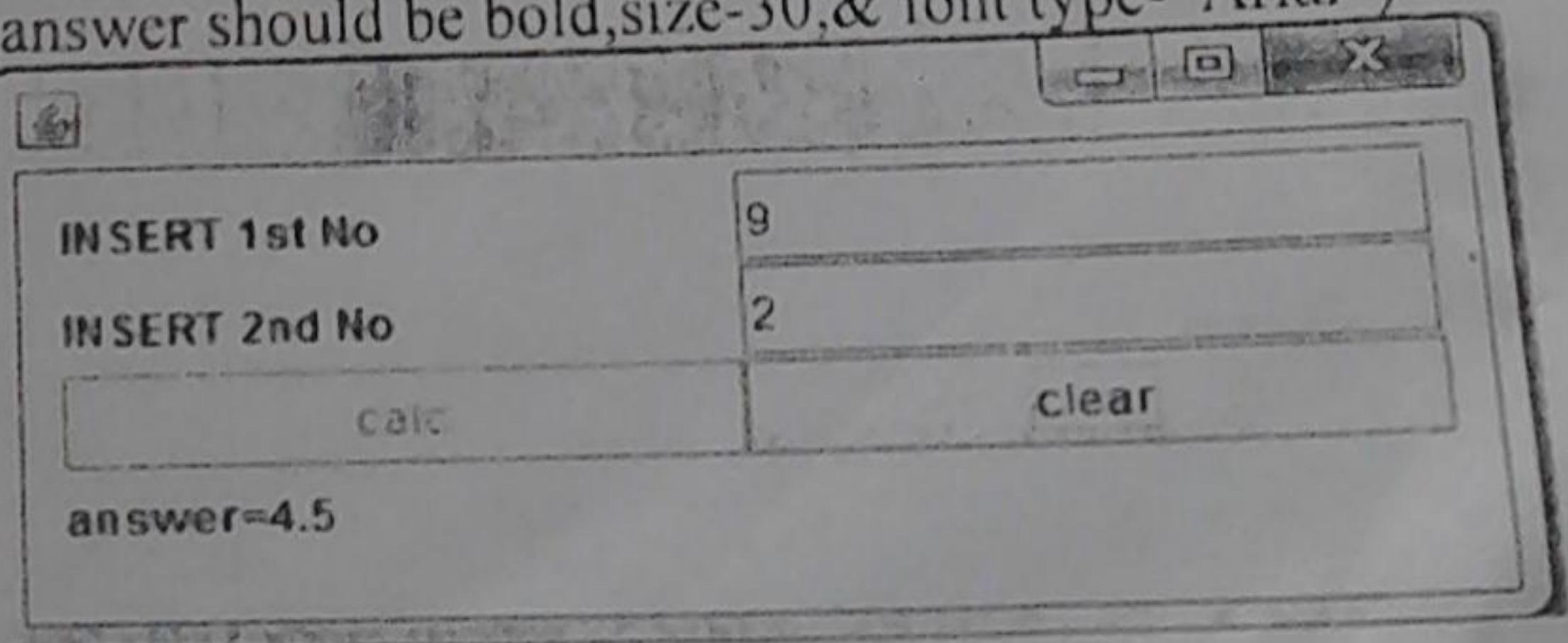
1. Which of the following is a keyword in Java?
A. calc B. implements C. Interface D. B&C
2. One of the following is a built-in method in java.
A. GetSource() B. sum() C. addActionListener() D. none
3. Which of the following package is used for event handling?
A. import javax.swing.*; C. import javax.awt.*;
B. import java.awt.*; D. none
4. One of the following Method is not important for Java applets?
A. init() B. paint(Graphics g) C. main() D. None
5. Keyword _____ indicates that a new class is a subclass of an existing class?
A. super B. extends C. this D. All

II. Say True or False (2 points)

1. A JPanel cannot be added to another JPanel.
2. Java has an automatic garbage collector so that it doesn't need constructors and destructors.
3. When the programmer creates a JFrame, a minimum of one menu must be created and added to the JFrame.
4. A JTextArea's text is always read-only.

III. Workout problems (8 points)

1. Create the following GUI using java program. You do have to provide a functionality to the each buttons(& the answer should be bold, size-30, & font type-"Arial")



2. Write a java program with two different classes that show inheritance (Book (Book_name, publish_date), Author (Author_name, rank)-sub class)

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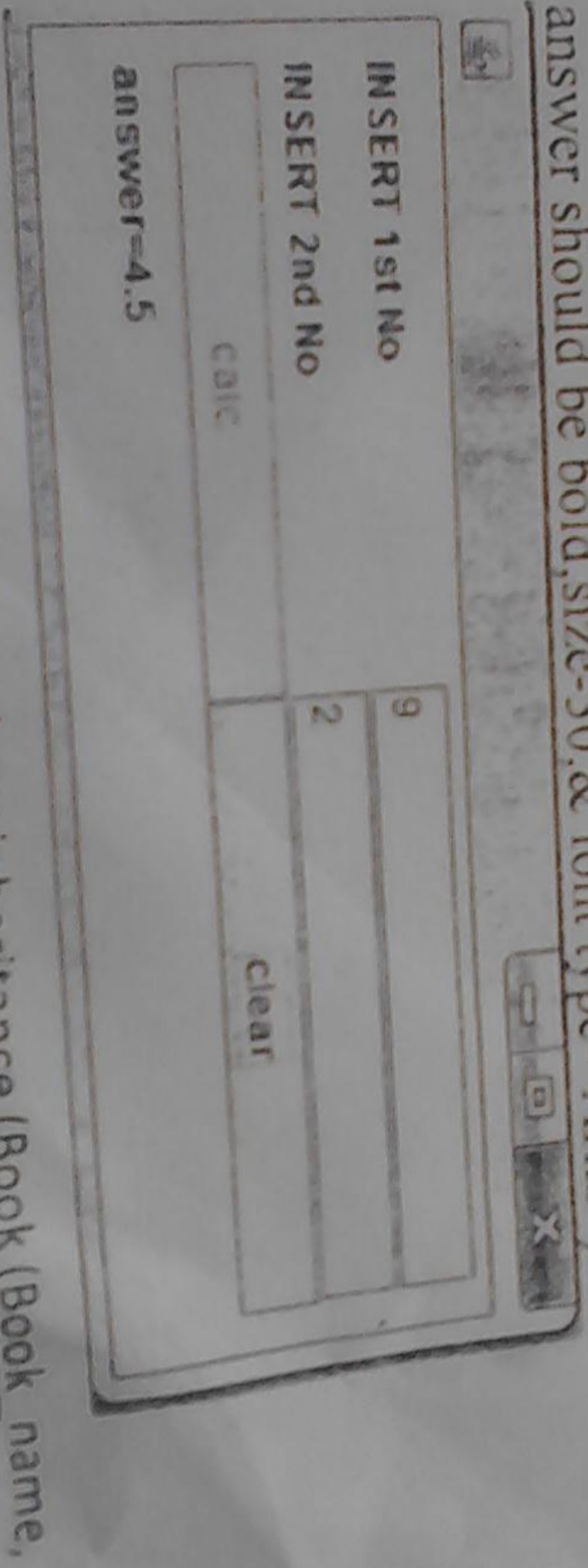
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