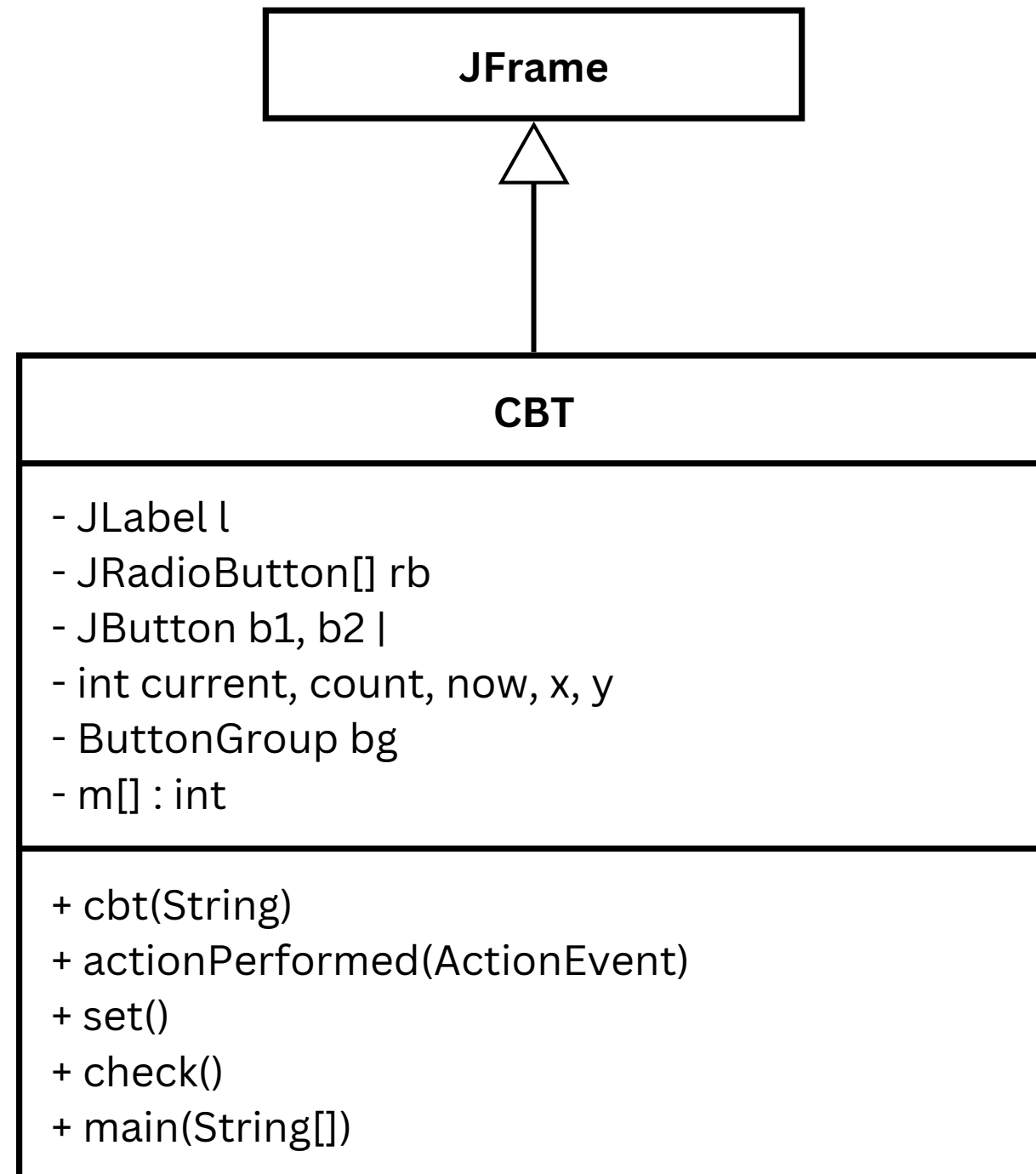


# Class Diagram



1. The class `cbt` is a subclass of `JFrame` and implements the `ActionListener` interface.
2. It has private instance variables:
  - `JLabel l`: For displaying the questions.
  - `JRadioButton[] rb`: An array to hold the radio buttons for answer options.
  - `JButton b1, b2`: Buttons for "Next" and "Bookmark" functionality.
  - `int current, count, now, x, y`: Integer variables used for managing the quiz flow.
  - `ButtonGroup bg`: Used to group radio buttons together so that only one can be selected at a time.
  - `int[] m`: An array to hold bookmarks.
3. The class has a constructor `cbt(String s)` that sets up the UI components for the quiz application.
4. The `actionPerformed(ActionEvent e)` method handles button clicks (Next, Bookmark, Bookmark1, Bookmark2, etc.) and controls the quiz flow.
5. The `set()` method sets the questions and answer options based on the value of the current variable.
6. The `check()` method checks if the selected answer is correct for the current question.
7. The `main(String[] s)` method is the entry point of the program, where an instance of `cbt` is created to start the quiz.