

# Assignment 2

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## Questions

### Question 9

Implement the Presenter framework. Write a short report for the assignment. What classes are part of the framework? What does the application programmer need to do to write a complete application?

### Answer

In the Framework Presenter, we use the following classes JFrame, JComponent, JButton,(ActionEvent, and ActionListener.

To write a complete application the abstract methods inside the Presenter class needs to be implemented in the application. The abstract classes are the buttons and the center component.

### Question 10

Use it to implement a slide show: use the horizontal buttons to show images in the drawing area and texts in the text area. The texts should be memory pads for talking to the presentation. Write a short report for the assignment. What classes did you define to specialize the framework for this application?

### Answer

The classes WindowConstants, TextArea, and BorderLayout were added to the Presenter class. The class PictureComponent was added and extends the Jcomponent class. PictureComponent adds functionality to switch images in the center component of the app. The PictureComponent uses the inbuilt repaint method of Jcomponent to iterate through an image array.