

## HOMEWORK 3

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CPSC-223J TR @ 08:00 - 09:50

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### CHAPTER 14

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3. Invisible and no title
5. the JFrame close and the application to keep running
6. All the above
7. frameone.add(label)
8. Mode
9. Layout Manager
10. It is a type of "Container"
11. Tool tips
12. Source
13. implements ActionListener
14. button1.addActionListener(this);
15. Object
16. As many listeners as it needs
17. itemStateChanged();
18. getSource();
19. ButtonGroup

## CHAPTER 15

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1. Both A and B
2. The Container and the regions both change in size
3. `myFrame.setLayout(new BorderLayout());`
4. `con.add("Options", b1);`
6. BorderLayout
7. Both A and B
8. Two
9. They are positioned from left to right across each row in sequence
10. Container
11. CardLayout
14. MouseEvent
15. Methods
19. `getSource()`
20. A JMenuBar holds a JMenu