ECE 122
JList

- Demo JListDemo.java
Mouse Event Handling

• MouseListener
• MouseMotionListener
• MouseInputListener. Extends interfaces of both MouseListener and MouseMotionListener to create a single interface
Methods of MouseListener

• public void mousePressed(MouseEvent e)
• public void mouseClicked(MouseEvent e)
• public void mouseReleased(MouseEvent e)
• public void mouseEntered(MouseEvent e)
• public void mouseExited(MouseEvent e)
Methods of 
MouseMotionListener

• public void mouseDragged(MouseEvent e)
• public void mouseMoved(MouseEvent e)
Some event listener has many methods to implement

- Many event listener interfaces, such as MouseListener, MouseMotionListener, contain multiple methods.
- We only need to listen to one or two type of event(s).
- We don’t have to implement all declared methods.
Adapter classes

• An adapter class provides a default implementation of every methods of a corresponding listener interface.
• Such default implementation is with empty method body.
• Your event handler extends an adapter.
• Your event handler only OVERWRITE the methods you need.
MouseAdapter

- MouseAdapter implements MouseListener
- Demo MouseAdapterDemo.java
## More Adapter classes

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