DES (3) PDF

/**

*/ class FilePanel extends JPanel{ FilePanel(String str){ JLabel label = new JLabel(str). JTextField fileText = new JTextField(35). JButton chooseButton = new JButton("   ..."). this.add(label). this.add(fileText). this.add(chooseButton). clickAction ca = new clickAction(this). chooseButton.addActionListener(ca). } public String getFileName(){ JTextField jtf = (JTextField)this.getComponent(1). return jtf.getText(). } private class clickAction implements ActionListener{ clickAction(Component c){ cmpt = c. } public void actionPerformed(ActionEvent event){ JFileChooser chooser = new JFileChooser(). chooser.setCurrentDirectory(new File(".")). int ret = chooser.showOpenDialog(cmpt). if(ret== JFileChooser.APPROVE_OPTION){ JPanel jp = (JPanel)cmpt. JTextField jtf = (JTextField)jp.getComponent(1). jtf.setText(chooser.getSelectedFile().getPath()). } } private Component cmpt. } } /**   */ class KeyPanel extends JPanel{ KeyPanel(String str){ JLabel label = new JLabel(str). JTextField fileText = new JTextField(35). JButton chooseButton = new JButton("   "). this.add(label). this.add(fileText). this.add(chooseButton). clickAction ca = new clickAction(this). chooseButton.addActionListener(ca). } //   48   public String getKey(){ JTextField jtf =

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(JTextField)this.getComponent(1). return jtf.getText(). } private
class clickAction implements ActionListener{
clickAction(Component c){ cmpt = c. } public void
actionPerformed(ActionEvent event){ try{ KeyGenerator kg =
KeyGenerator.getInstance("DES"). kg.init(56). Key ke =
kg.generateKey(). byte[] bytK1 = ke.getEncoded(). ke =
kg.generateKey(). byte[] bytK2= ke.getEncoded(). ke =
kg.generateKey(). byte[] bytK3= ke.getEncoded(). JPanel jp =
(JPanel)cmpt. JTextField jtf = (JTextField)jp.getComponent(1).
jtf.setText(getByteStr(bytK1) getByteStr(bytK2) getByteStr(bytK3)).
}catch(Exception e){ e.printStackTrace(). } } private String
getByteStr(byte[] byt){ String strRet = "". for(int i=0.i
```