Converting a Java applet to an application.

1. Build a Java JApplet (or Applet) in Eclipse or NetBeans. (Let’s assume you name the class AppletToApplication).

2. Change the name of your applet’s init() method to be the same as the name of your class (in this case: AppletToApplication). This is now the constructor method for the class.

3. Delete the word void in the header of your new AppletToApplication constructor, since a constructor has no return type.

4. Alter the class header so that it extends Frame rather than Applet (or JApplet).

5. Create a new method called main. The header for this method will be:

   public static void main (String[] args)

   This method should create a Frame object as an instance of the class. So, if your class is named AppletToApplication, the main method should look like the following (where the size will be your original applet size):

   public static void main(String[] args)
   {
     AppletToApplication f = new AppletToApplication ();
     f.setSize(300,200);
     f.setVisible(true);
     f.setLayout(new FlowLayout());
   }

6. Delete the import for the class Applet, since it is now redundant.

7. Add window methods (e.g., windowClosing to handle the event which is the user clicking on the close window button, and others). This also involves adding implements WindowListener and this.addWindowListener(this); to the new constructor method you created in Step #2 above - in order to register the event handler.

   public void windowClosing(WindowEvent e)
   {
     dispose();
     System.exit(0);
   }
   public void windowOpened(WindowEvent e)
   {
   }
   public void windowIconified(WindowEvent e)
public void windowClosed(WindowEvent e)  
{ }  
public void windowDeiconified(WindowEvent e)  
{ }  
public void windowActivated(WindowEvent e)  
{ }  
public void windowDeactivated(WindowEvent e)  
{ }  

8. Make sure that the program does not use any of the methods that are special to the Applet class – methods including `getAudioClip`, `getCodeBase`, `getDocumentBase`, and `getImage`. 