

Teachers note: Discuss the data structure that would be used for this photo album. Have students create ArrayList of JLabels on the whiteboard.

1. Show an image on the screen using a JFrame.

```
private JLabel loadImageFromTheInternet(String imageUrl) {
    try {
        URL url = new URL(imageUrl);
        Icon icon = new ImageIcon(url);
        return new JLabel(icon);
    } catch (MalformedURLException e) {
        e.printStackTrace();
    }
    return null;
}

private JLabel loadImageFromJavaProject(String fileName) {
    URL imageURL = getClass().getResource(fileName);
    Icon icon = new ImageIcon(imageURL);
    return new JLabel(icon);
}
```

2. Add pictures of things that you want for Christmas to the List.
 - 2.1. Create and initialize an ArrayList of JLabels.
 - 2.2. Use the methods above to load images from the Internet or from your default package.
 - 2.3. Add the JLabels to the List.
3. When the mouse is clicked, show a random image from the List.