

Learning Outcome:

- Formulating Algorithms
- Review Review for loops
- Review random numbers
- Practice drawing

Getting Started:

- Download labBuilding.zip from Canvas and unzip it.
- Import the extracted (unzipped) code files into Eclipse:
 - Right-click the src folder that should include the new package > **Import** .. the Import dialog opens
 - Select **General > File System** and click **Next** the Import from directory dialog opens
 - Use the Browse button to navigate to the folder **labBuilding** and click **OK**
 - Select the checkbox next to the folder **labBuilding**
 - IMPORTANT: Select the checkbox next to **Create to-level folder**
 - Click **Finish**
- Run the application to make sure that the file import worked as expected.

Description:

Implement the overridden method paintComponent so that it paints a tall building with multiple rows of windows.

Requirements:

1. Use for loops to draw the windows.
2. Use random colors (every time the building is repainted some of the colors change randomly.
Which of the areas change is up to you.