Laboratory Exercise
User Interface Development

Questions:

3.a. On what specific part of the program were the java.awt and javax.swing packages used? Explain how.

- The java.awt is being used by the customization stuff [e.g. FlowLayout, Font, and Color]. The javax.swing on the other hand is being used by stuff by JFrame [e.g. JFrame, JPanel, etc.]. How did I know it? I commented out the packages and searched for the ones that has red lines, so that was how I knew that those things used those packages.

3.b. On what specific part of the program was the java.awt.event package used? Explain how.

- The java.awt.event is being used by things that has something to do with ActionListener. How did I know it? Once again, I commented out the java.awt.event package and red lines appeared at every single things that has something to do with ActionListener.

4. In line with the concept of the program that you created (a program that generates IP address), search for at least one(1) framework that can be used in creating the same program. Explain how you will implement the framework.

- Seems like "Spring framework" is the most popular one based on my quick research. Basing off of the things that this framework do, seems like this thing can be implemented as it has a lot of security tools and stuff which we can use to improve our application's security.

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5.a. Toolkit name

    a. Clean & Modern iOS UI Kit
    b. Music App UI
    c. Azure UI Kit
    d. Trend UI Kit
    e. Pink Flat UI

5.b. Toolkit creator/developer

    a. Sandeep Kasundra
    b. Mạnh Nguyễn Tiến
    c. Yolqin Alimov
    d. Oleg Bolshakov
    e. Sebastian Scheer

5.c. Short toolkit description

    a.   Just a new free PSD that Mr. Kasundra made for UI Experiment
    b.   An iOS style music app user interface
    c.   Designed to help save time by facilitating the design or prototyping processes.
    d.   Just a free social & e-commerce mobile application PSD template for iOS.
    e.   Just a really nice vector UI kit for Photoshop.

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5.d. Based on your understanding, how will this toolkit help developers and designers create a better user interface? Cite some examples, if possible.

a. From what I can see here, the UI is super clean and modern looking, developers and designers might configure it still but, it already looks good as is.

https://dribbble.com/shots/2436143-Clean-Modern-iOS-UI-Kit

b. From what I can see here, the UI is already good looking and seems easy enough to use for developers and designers.

https://freebiesbug.com/psd-freebies/music-app-ui/

c. From what I can see here, the UI components are good looking and easy enough to come up with a design.

https://ui8.net/products/azure-ui-kit

d. From what I can see here, the UI components are still good looking, developers and designers will have no problem using this thing.

https://ui8.net/products/trend-ui-kit

e. This one is my most favorite looking UI as I love colors that're close to Sakura. I can already think of a lot of things to use these components with and I am sure a lot of developers and designers will definitely thought of a lot of cool and awesome things using these things.

https://ui8.net/products/pink-flat-ui