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The purpose of this Party Planner program is to help someone who hosts a lot of parties or has an event hosting business keep all of their information organized. I chose this project because it was a class assignment that I thought I could expand on in hopes that someone would use it for business purposes. While this is a very specific problem to solve, this program could easily be made more general. While being called a Party Planner, it allows you to plan any type of event if you wish.
This program is written in Java version 7.

The program has 12 buttons. The functions are as follows:

- "Parties" button lists all the current parties in detail.
- "Invite" button allows you to invite someone to a party. If the checkbox "All Parties" is selected, that person will be invited to all the parties that are available. (Parties that are already paid are not available.)
- "Accept" allow you to accept an invite to any available party. This button has an Action Listener on the first JComboBox which lists only the people invited to the chosen party in the second JComboBox.
- "Decline" allows to decline an invite to any available party. This button has an Action Listener on the first JComboBox which lists only the people invited to the chosen party in the second JComboBox.
- "Add" lets you add a party by inputting all the information needed to create a party.
- "Delete" deletes the chosen party.
- "Details" describes one party in detail, including who's invited, who's attending, who's not attending, as well as the price, whether it's paid, and more.
- "Sort" sorts the parties either by Party Name, Party Date, or Cost in ascending or descending order.
- "Change Price" allows you to change the price attached to that party.
- "Pay" allows you to pay for a party in a chosen number of monthly payments or in full.
- "Change Color" changes the color of the text, buttons, and scroll bar to the chosen color.
- "Exit Program" prompts you saying that your parties will not be saved, then allows you to exit the program.

This program also has Menu options. The functions are as follows:

- "New", under "File", deletes all current parties to allow the user to have a blank slate.
- "Export as Text File", under "File", saves all the parties' information to a specified text file.
- "Export as Object File", under "File", saves all the parties' information to a specified object file.
- "Import from Text File", under "File", reads in all the party information from that text file.
- "Import from Object File", under "File", reads in all the party information from that object file.
- "Clear Screen", under "View", clears the screen, but keeps all the current parties.
- "About the Programmer", under "Help", directs the user to my website: www.starlilycoco.com