|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name of test | What is happening | Screenshot of it working | Extra screenshot of list to check (if applicable) | Screenshot of code | How the code works |
| User inputted wrong number as an option | User inputs a number that is outside of the menu range. They receive error message and get sent back to the start of the menu loop | Text  Description automatically generated |  |  | Uses an else statement so that if the user puts anything other than an option they get this message |
| User inputted a string instead of a number as option | User inputs a string instead of a number. They receive error message and get sent back to the start of the menu loop | Text  Description automatically generated |  | Text  Description automatically generated | Trys to convert user input to a number, if it doesn’t work they get error message and sent back to the top of the loop |
| Add song works | Asks user for song name, artist name and play count then adds it to the ArrayList | Text  Description automatically generated | Timeline  Description automatically generated with medium confidence | Text  Description automatically generatedText  Description automatically generatedText  Description automatically generated |  |
| Remove song works | Asks user for song name and song artist and removes it from the ArrayList | Text  Description automatically generated | Text  Description automatically generated with medium confidence | Text  Description automatically generatedText  Description automatically generated |  |
| Remove song, song doesn’t exist | User inputs a song that doesn’t exist in the ArrayList so nothing is removed from it | Text  Description automatically generated | Timeline  Description automatically generated with medium confidence | (same code as remove song works) |  |
| Print all songs works | Prints all songs and all their information from the ArrayList | Timeline  Description automatically generated |  | Text  Description automatically generatedA screenshot of a computer  Description automatically generated with medium confidenceText  Description automatically generated |  |
| Print all songs above inputted number of plays works | Asks user for number of plays and prints all songs from the ArrayList with number of plays above the user’s number | Text  Description automatically generated with low confidence |  | Text  Description automatically generatedText  Description automatically generatedA screenshot of a computer  Description automatically generated with medium confidenceText  Description automatically generated |  |
| Quit program works | Exits the menu loop and displays an exit message | Text  Description automatically generated |  |  |  |
| Loop back to menu after user choice executes | After user picks an option (not quit) and the option is ran, the user is sent back to the option select menu to select another option | Text  Description automatically generated |  | Text  Description automatically generated |  |
| Create start songs | On program start, 10 songs are create and added to the array list which is also created | Text  Description automatically generated |  | Text  Description automatically generatedText  Description automatically generatedGraphical user interface, text  Description automatically generated |  |

Link to GitHub repository (GitHub includes screenshots of code working and the code itself):

Code:

https://github.com/william-Cross12/University-folder/blob/main/module\_1\_programming\_concepts/task\_2/spotify\_copy.java

everything:

https://github.com/william-Cross12/University-folder/blob/main/module\_1\_programming\_concepts/task\_2

Proof of existence:

Text

Description automatically generated