| **Test Case** | **Input** | **Output** | **As Expected?** |
| --- | --- | --- | --- |
| 1 | 1. Display all U.S. States in Alphabetical order along with the Capital, State Population, and Flower. | \*see test pic 1 | True |
|  | 5. Exit the program | Thank you for using the program, goodbye! | True |
| 2 | 2. Search for a specific state and display the '  'appropriate Capital name, State Population, and an image of '  'the associated State Flower.  alabama | \*see test pic 2 | True |
|  | '3. Provide a Bar graph of the top 5 populated States '  'showing their overall population | \*see test pic 3 | True |
| 3 | 4. Update the overall state population for a '  'specific state.  pp | 'Please enter the state you would like to update the population for: | True |
|  | Hawaii | “Please enter the new population for Hawaii” | True |
|  | 50 | Previous population for Hawaii: 1,412,000  New population for Hawaii: 50 | True |
|  | 5. Exit the program | Thank you for using the program, goodbye! | True |