Case 1: run through all options

🖳 Console 🖂

 $< terminated > week3 states.py [C:\Users\nor67\AppData\Local\Programs\Python\Python38-32\python.exe]$

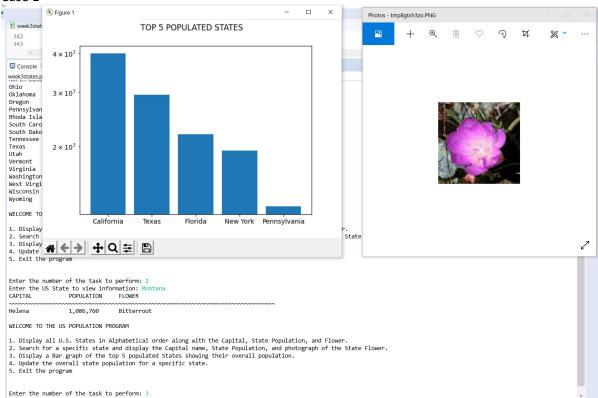
WELCOME TO THE US POPULATION PROGRAM

- Display all U.S. States in Alphabetical order along with the Capital, State Population, and Flower.
 Search for a specific state and display the Capital name, State Population, and photograph of the State Flower.
- 3. Display a Bar graph of the top 5 populated States showing their overall population.
- 4. Update the overall state population for a specific state.
- 5. Exit the program

Enter	the	number	of	the	task	to	perform:	1	
STATE		CAPTTAL				POPLII	ΔΤ		

STATE	CAPITAL	POPULATION	FLOWER
Alabama	Montgomery	4,908,620	Camellia
Alaska	Juneau	734,002	Forget Me Not
Arizona	Phoenix	7,378,490	Saguaro Cactus Blossom
Arkansas	Little Rock	3,039,000	Apple Blossom
California	Sacramento	39,937,500	California Poppy
Colorado	Denver	5,845,530	White and Lavender Columbine
Connecticut	Hartford	3,563,080	Mountain Laurel
Delaware	Dover	982,895	Peach Blossom
Florida	Tallahassee	21,993,000	Orange Blossom
Georgia	Atlanta	10,736,100	Cherokee Rose
Hawaii	Honolulu	1,412,690	Hibiscus
Idaho	Boise	1,826,160	Syringa
Illinios	Springfield	12,659,700	Purple Violet
Indiana	Indianapolis	6,745,350	Peony
Iowa	Des Monies	3,179,850	Wild Prairie Rose
Kansas	Topeka	2,910,360	Sunflower
Kentucky	Frankfort	4,499,690	Goldenrod
Louisiana	Baton Rouge	4,645,180	Magnolia
Maine	Augusta	1,345,790	White Pine Cone and Tassel
Maryland	Annapolis	6,803,807	Black-Eyed Susan
Massachusetts	Boston	6,976,600	Mayflower
Michigan	Lansing	10,045,000	Apple Blossom
Minnesota	St. Paul	5,700,670	Pink and White Lady Slipper
Mississippi	Jackson	2,989,260	Magnolia
Missouri	Jefferson City	6,169,270	White Hawthorn Blossom
Montana	Helena	1,086,760	Bitterroot
Nebraska	Lincoln	1,952,570	Goldenrod
Neveda	Carson City	3,139,660	Sagebrush
New Hampshire	Concord	1,371,250	Purple Lilac
New Jersev	Trenton	8.936.570	Violet

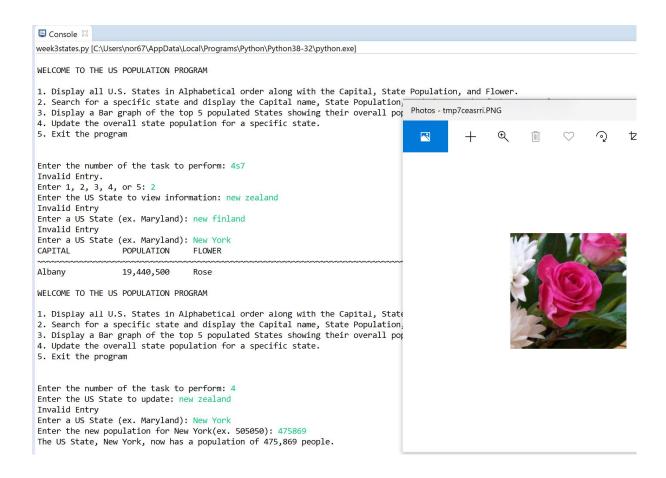




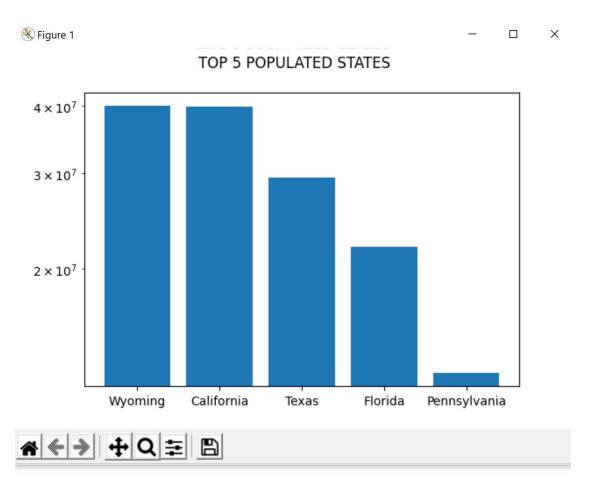
Case 1

■ Console ≅ <terminated> week3states.py [C:\Users\nor67\AppData\Local\Programs\Python\Python38-32\python.exe] WELCOME TO THE US POPULATION PROGRAM 1. Display all U.S. States in Alphabetical order along with the Capital, State Population, and Flower. 2. Search for a specific state and display the Capital name, State Population, and photograph of the State Flower. 3. Display a Bar graph of the top 5 populated States showing their overall population. 4. Update the overall state population for a specific state. 5. Exit the program Enter the number of the task to perform: 3 WELCOME TO THE US POPULATION PROGRAM 1. Display all U.S. States in Alphabetical order along with the Capital, State Population, and Flower. 2. Search for a specific state and display the Capital name, State Population, and photograph of the State Flower. 3. Display a Bar graph of the top 5 populated States showing their overall population. 4. Update the overall state population for a specific state. 5. Exit the program Enter the number of the task to perform: 4 Enter the US State to update: Ohio Enter the population for Ohio(ex. 505050): 36214 The US State, Ohio, now has a population of 36,214 people. WELCOME TO THE US POPULATION PROGRAM 1. Display all U.S. States in Alphabetical order along with the Capital, State Population, and Flower. 2. Search for a specific state and display the Capital name, State Population, and photograph of the State Flower. 3. Display a Bar graph of the top 5 populated States showing their overall population. 4. Update the overall state population for a specific state. 5. Exit the program Enter the number of the task to perform: 5 Thank you for visiting the US State Population program. Good day.

Case 2: invalid inputs



Case 3: update population and show bar graph with updated population



Enter the number of the task to perform: 4
Enter the US State to update: Wyoming

Enter the new population for Wyoming(ex. 505050): 400000000

The US State, Wyoming, now has a population of 40,000,000 people.

WELCOME TO THE US POPULATION PROGRAM

- 1. Display all U.S. States in Alphabetical order along with the Capital, State Population
- 2. Search for a specific state and display the Capital name, State Population, and photog
- 3. Display a Bar graph of the top 5 populated States showing their overall population.
- 4. Update the overall state population for a specific state.
- 5. Exit the program

Enter the number of the task to perform: 3