

ITSE 1359 – Program07

General Points

- Use the course material located at:
 - [Python @ ACC](#) - Welcome! through Functions
- Create a file named program07.py.
- Note: There is no data hard-coded in the program except for the two tuples. *All data is entered by the user.*

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BigTime Boat Sales



*The requirements for Program07 are very similar to those of Program06. The **only difference** is that each of the functional actions (the numbered requirements) below must be put in its own function. Each of the functions should be called from within the “main()” function. Therefore, your Program07 should have one function for each Requirement 1-8 (8 functions) and a main() function for a total of 9 functions. If you do not understand this, contact your professor.*

See the requirements document for Program06 for code and output examples.

BigTime Boats sells boats at three locations in Texas (Austin, Dallas, Houston). Write a program to record sales for sales reps that the user enters. For each sales rep that the user enters, record sales for Thursday, Friday, and Saturday for Week One and Week Two. See the sample code attached.

See the Code and Output in the Program06 requirements document for additional guidance.

Requirements (these are the requirements to identify by number):

1. Output a header in the console: “This is Program07 - <yournamehere>”
2. Print “This program provides practice working with lists, strings, tuples, and dictionaries.”
3. Create two tuples - one for two weeks named “Week One” and “Week Two” and one for three days of the week (Thursday, Friday, Saturday).

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4. Use nested loops to *Enter Sales Results* (as shown in the output). Rep names must be entered with a space between names and the first letters of first and last names capitalized.
5. Use nested loops to *Print Sales Results* (as shown in the output).
6. Populate a dictionary with dealer location *keys* and dealer URLs *values*.
7. Use existing sales rep names and URL information to construct and output email addresses as shown (convert to all lowercase and separated by _).
8. **Print a statement explaining your experiences with Program07. Make this authentic (minimum of 2-3 sentences).**

TEST – TEST – TEST your application to ensure the requirements are met.

- Use the list above and the common requirements as a checklist.
- Not meeting all requirements = 0 points for the assignment.