Lists and Files.

Open the file **lists\_and\_files.py** found in your D2L Shell.

Answer the following questions:

1. Open the directory where you store your .py files. Make a mental note of the files stored there. Run the **lists\_and\_files.py** code. When the code pauses and asks you to “press any key to continue” using file explorer go back and check the directory where your .py files are stored. What is the name of the new file that was just created in your directory?

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2. Open the new file and copy and paste the data found in that file here:

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3. Which line of code wrote the placenames into the text file? (Copy and paste the code)

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4. Press any key to continue. In this section the townlist.txt file needs to be opened so that our code can read from it. Copy and paste the line of code that does this.

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5. What does line 13 **currentTown = place[:-1]** do?

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6. What does line 15 **towns.append(currentTown)** do?

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7. What is the purpose of the **\n** in the print statement on line 17?

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8. Press any key to continue!! What does line 30 **line = line.replace(‘\n’,””)** do?

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9. Line 28 **with open(‘members.txt’) as guest** does not have an argument (r or w) after the name of the file members.txt. What argument goes there by default?

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10. What is the difference between the methods: .read(), .readline() and .readlines()?

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| .read() |  |
| .readline() |  |
| .readlines() |  |

11. What is the difference between the methods: .write(), .writeline() and .writelines()?

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| .write() |  |
| .writeline() |  |
| .writelines() |  |