

## CSE 8A Programming Assignment 4

Name(s) (last, first): Barbour-Brown, Daria

PID(s): A17214152

Email(s): dbarbourbrown@ucsd.edu

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### Known Bugs or Issues:

*If you have any known bugs or issues with your code, let us know here.*

There are none.

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### Questions:

*In Part 1.1, you probably used the split method. There is another method called join. Explain what join method does and give an example to illustrate.*

*The join method takes an iterable item like a list and joins those items together to form a string. I used the join method in the Star Points section of my PA as seen below.*

*#The following existed inside of a for loop*

*splitPath = path.split('/')*

*#first we split the string to create the following list*

*#['', 'home', 'CSE8A', 'jeff', 'Hwk2.py']*

*del splitPath[0:-2]*

*#then we deleted the unwanted elements in our list to give:*

*#['jeff', 'Hwk1.pdf']*

*joinedPath = ''.join(splitPath)*

*#lastly I used the join method to join the remaining elements at '/':*

*#jeff/Hwk1.pdf*

*In Part 1.2, we are doing some list mutation. Can you do the same thing to a string in python (for example, given a string and replace a certain character with another character)? If so, please write down the approach; if you can not, please explain why you could not do so.*

Strings are immutable which means they cannot be changed by simply accessing an indexed character. One way that you can do it though, is to use the replace() method.