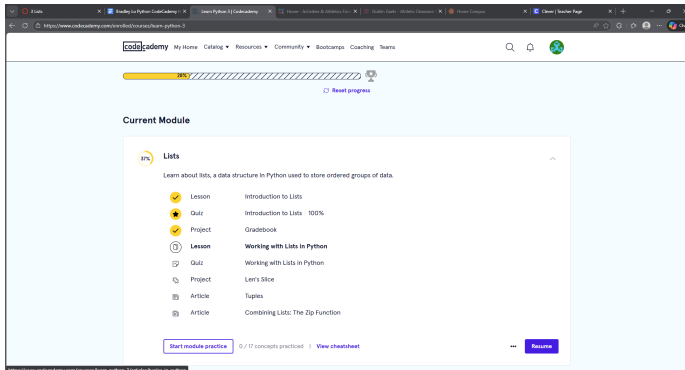


Learn Python 3 Homework Documentation

Module Completion Screenshot

Lists Completion (1st Lesson, 1st Quiz, 1st Project): 2 points



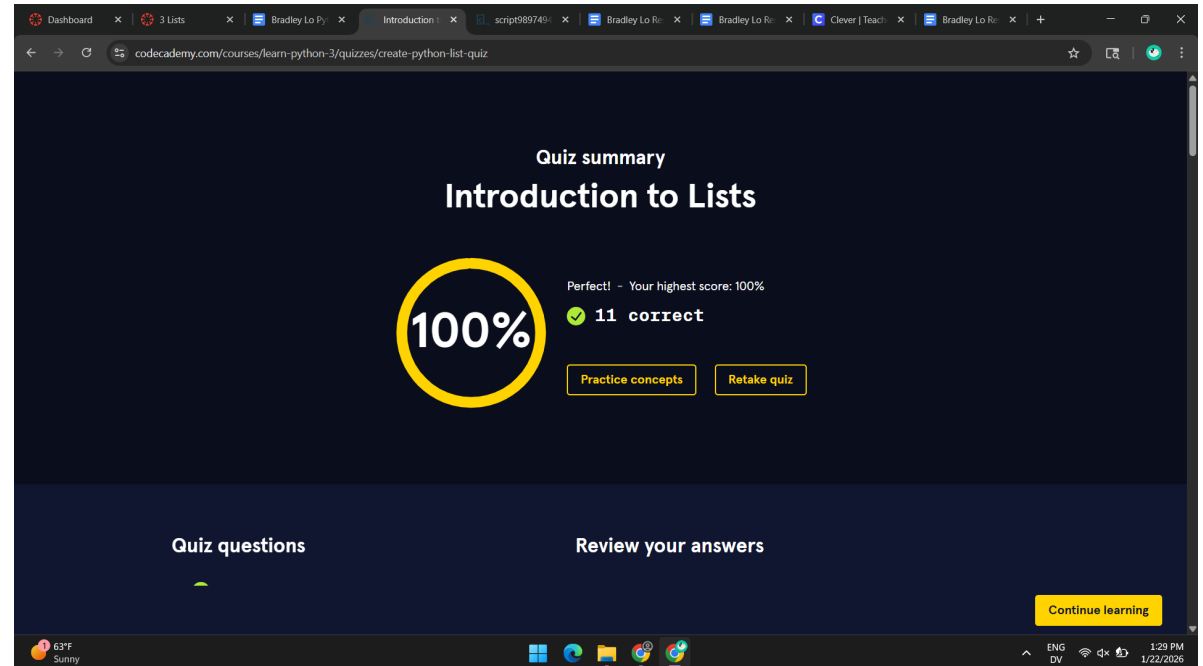
What was the goal of this 1st part (What skills do you now have? What skills did the projects try to build up for you?, etc.): 1 point

In this first part, I was introduced to basic uses of lists like appending, deleting, and changing values inside of lists. It gave me a small understanding of lists and eased me into how to use them.

Assignment Code Screenshots & Video's

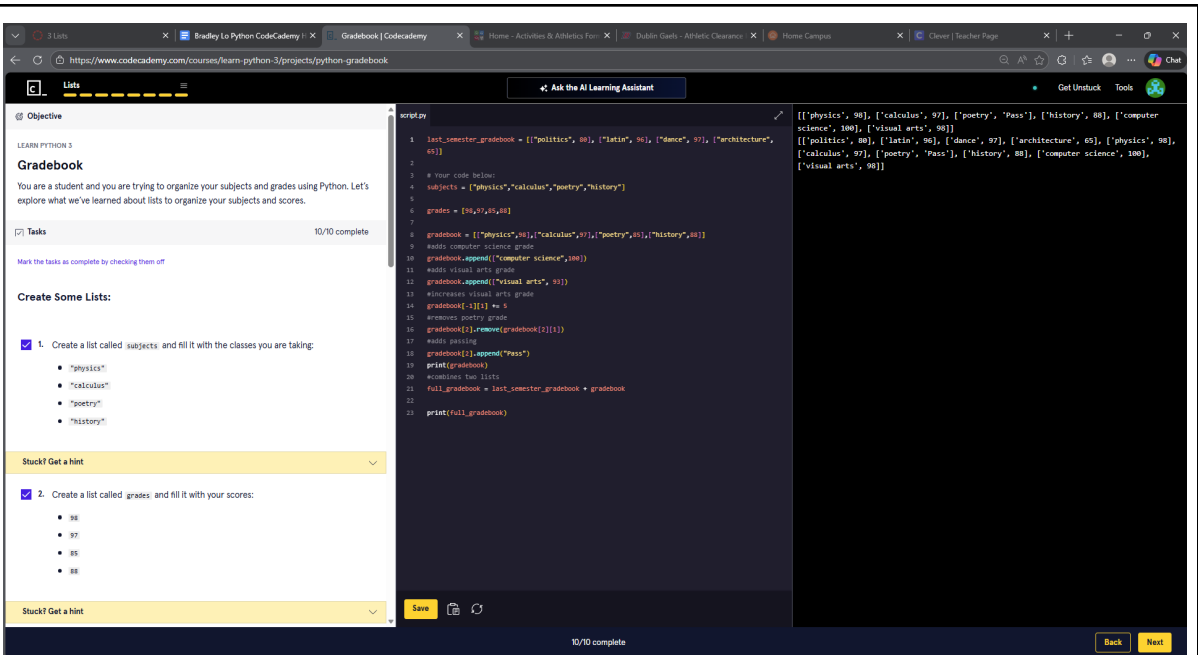
Insert Screen Captures with URLs of 1st Quizzes in a section: 1 point

<https://www.codecademy.com/courses/learn-python-3/quizzes/create-python-list-quiz>



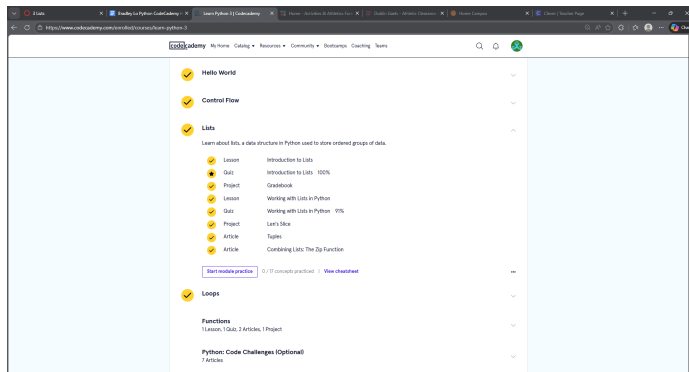
Insert a screen capture of your code (must have comments) & Code Output (aka run the code) for each project below: code screenshot: 2.5 points and output screenshot: 2.5 points: Total 5 points

[Gradebook](#)



Note: all screen captures should be resized so that your entire HW submission fits on 1 page!!!!

Lists Completion (2nd Lesson, 2nd Quiz, 2nd Projects, Article Tuples, Article Combining list): 2 points



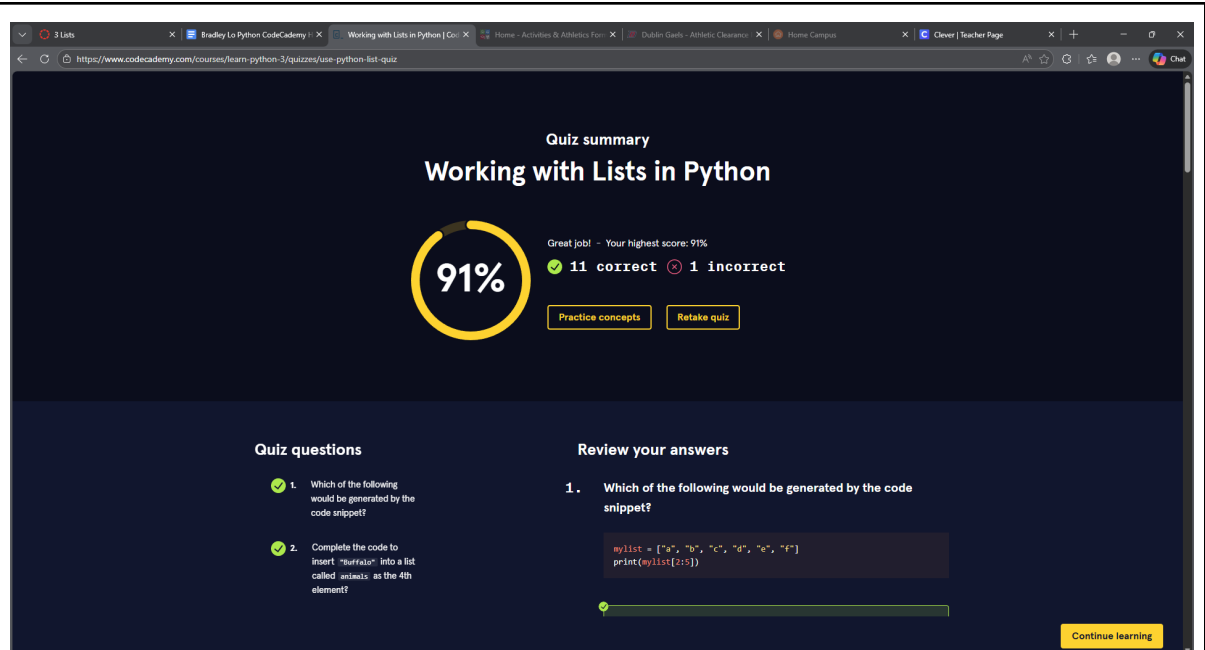
What was the goal of the 2nd part of the Module (What skills do you now have? What skills did

Insert Screen Captures with URLs of 2nd Quiz in a section: 1 point

<https://www.codecademy.com/courses/learn-python-3/quizzes/use-python-list-quiz>

the projects try to build up for you?, etc.): 1 point

This was a continuation of the previous section, diving deeper into the concepts of lists and expanding further on the previously learned concepts of appending, but also learning how to delete and replace things in certain areas and print certain parts of lists, starting from one area to the next.



Insert a screen capture of your code (must have comments) & Code Output (aka run the code) for each project below:
code screenshot: 2.5 points and output screenshot: 2.5 points: Total 5 points

12. Since there is no longer an "anchovies" pizza, you want to add a new topping called "peppers" to keep your customers excited about new toppings. Here is what your new topping looks like:

```
[1.5, "peppers"]
```

Add the new peppers pizza topping to our list `pizza_and_prices`.

Note: Make sure to position it relative to the rest of the sorted data in `pizza_and_prices`, otherwise our data will not be correctly sorted anymore!

Stuck? Get a hint

13. Three mice walk into the store. They don't have much money (they're mice), but they do each want different pizzas.

Slice the `pizza_and_prices` list and store the 3 lowest cost pizzas in a list called `three_cheapest`.

Stuck? Get a hint

14. Great job! The mice are very pleased and will be leaving you a 5-star review.

Print the `three_cheapest` list.

Code Review

Get targeted feedback about your code and how well it meets the objective of the project. You can request 1 AI-powered review per project when you complete all tasks.

Request code review

```
1 # Your code below:
2 toppings = ["pepperoni", "pineapple", "cheese", "sausage", "olives", "anchovies", "mushrooms"]
3 prices = [1.5, 1.75, 2.0, 2.2, 2.5, 2.75, 3.0]
4 identifies = {}
5 num_pizzas = len(toppings)
6 # Print the length of the toppings list
7 num_the_dollar_prices = prices.count(1)
8 print("We sell", num_pizzas, "different kinds of pizza!")
9
10 # pizza_and_prices = [
11 #     ["pepperoni", 1.5],
12 #     ["pineapple", 1.75],
13 #     ["cheese", 2.0],
14 #     ["sausage", 2.2],
15 #     ["olives", 2.5],
16 #     ["anchovies", 2.75],
17 #     ["mushrooms", 3.0]
18 # ]
19 print(pizza_and_prices)
20 # Sorts by price
21 pizza_and_prices.sort()
22 # Prints out the sorted list
23 print(pizza_and_prices)
24 # Adds peppers with 1.5 price
25 pizza_and_prices.insert(4, [1.5, "peppers"])
26 # Prints out the sorted list
27 print(pizza_and_prices)
28 # Finds most expensive pizza
29 priciest_pizza = pizza_and_prices[-1]
30 # Removes the priciest pizza
31 del pizza_and_prices[-1]
32 # Prints out the sorted list
33 print(pizza_and_prices)
```

We sell 7 different kinds of pizza!

```
[[2, 'pepperoni'], [6, 'pineapple'], [1, 'cheese'], [3, 'sausage'], [2, 'olives'], [7, 'anchovies'], [2, 'mushrooms']]
[[1, 'cheese'], [2, 'mushrooms'], [2, 'olives'], [2, 'pepperoni'], [3, 'sausage'], [6, 'pineapple']]
[[1, 'cheese'], [2, 'mushrooms'], [2, 'olives'], [2, 'pepperoni'], [2.5, 'peppers'], [3, 'sausage'], [6, 'pineapple']]
[[1, 'cheese'], [2, 'mushrooms'], [2, 'olives']]
```

Gradebook

Note: all screen captures should be resized so that your entire HW submission fits on 1 page!!!!

Insert module completion screenshot: 2 points

