

Lesson 07 Exercises

Exercise 01

□ Task 1:

Copy the following code to create a list and complete the program to print it.

```
1. numberList = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]
```

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□ Task 2:

Copy the list from Task 1 and perform the following commands:

1. Add "11" to the end of the list.
2. Add "12" to index 5.
3. Delete "7" from the list.

Print the list after each operation.

□ Task 3:

Copy numberList from Task 1 and print each element of the list on a new line using a For loop.

Exercise 02

□ Task 1:

Write a program that takes 10 integer inputs from the user and store it in a list (numberList), then iterate through the list and print each element.

□ Task 2:

Copy the following list and write a program to add all the elements of the list together.

```
1. numberList = [1, 6, 32, 6, -4, -40, 50]
```

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□ Task 3:

Write a program which will create a list containing the numbers:

5, 60, 4, 54, 30, 20, 9

And find the sum of all the numbers in the list. After that iterate through the list and print out all the elements that are greater than 50.

Exercise 03

□ Task 1:

Write a program to store even integers inputted by the user then print it. Once the list is 5 elements in length, stop storing the values.

Hint Use the len function to calculate the list's length.

□ Task 2:

Copy the following list and write a program to add only the odd numbers from the list into a new list

```
1. numberList = [1, 4, 9, 16, 25, 36, 49, 64, 81, 100]
```

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