

Practical 8 – Instructions

Study Unit 7 - Lists

Practical 8.1 – List Operations

Consider the list of numbers given below:

10, 20, 30, 40, 50

Perform the following tasks on the list using knowledge from Chapter 8:

- Append the number 60 to the end of the list.
- Insert the number 25 at the third position in the list.
- Remove the number 40 from the list.
- Reverse the list and print it.

TAKE NOTE:

- Create the initial list
- Use f-string formatting to print the output.
- Submit your Python script (*.py) on CodeGrade named: Practical_8_1.py

OUTPUT:

```
[60, 50, 30, 25, 20, 10]
```

Practical 8.2 – Duplicate Name Detection

Write a Python program to check if a name appears two or more times in a provided list of names. Your solution must use a ‘for’ loop to count the occurrences of the name. Prompt the user to input a name and print a message indicating whether the name is duplicated in the list. The program should run constantly until the user press enter when prompted to enter a name.

Use list: John, Anna, John, Mike, Anna, Paul.

TAKE NOTE:

- Create the initial list
- Use f-string formatting to print the output.
- Submit your Python script (*.py) on CodeGrade named: Practical_8_2.py

OUTPUT:

```
Enter a name to check: Joe
Joe does not appear in the list 2 or more times.
Enter a name to check: John
The name 'John' appears 2 times in the list.
Enter a name to check: Mike
Mike does not appear in the list 2 or more times.
Enter a name to check: Anna
The name 'Anna' appears 2 times in the list.
Enter a name to check:
Thank you for using the program!
```