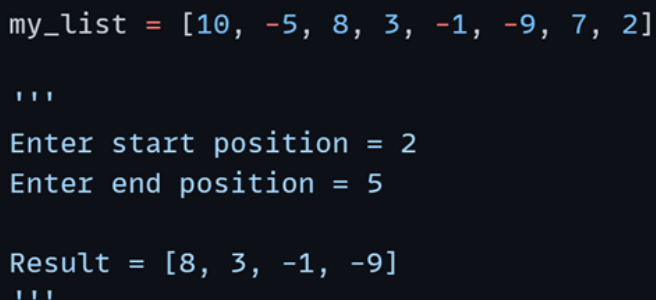# WEEK 4 - ASSIGNMENT 2 LIST SLICING

NOTE:

- **No need to submit anywhere, just keep track of all the PDF you made in a specific folder.**
- **Compare your solution with the solution I'll provide, in case of doubts, kindly reach out to me.**
- **You may get assignment solution in format of PDF or VIDEO solution, depending on the difficulty level.**

Q1. Make your own list of numbers. Ask a start and end position from User. Print the list from start position to end position using without using Slicing.

Q2. Make your own list of numbers. Ask a start and end position from User. Make another different list which will contain number from start to end position. Use slicing logic.

```
my_list = [10, -5, 8, 3, -1, -9, 7, 2]

'''
Enter start position = 2
Enter end position = 5

Result = [8, 3, -1, -9]
'''
```

Q3. Make your own list of numbers. Ask a start and end position from User. Make another different list which will contain number from start to end position. Use slicing logic. (Same as previous question), but now print the result in reverse:

Example

my_list = [10, -5, 8, 3, -1, -9, 7, 2]

Enter start position = 2
Enter end position = 5

Output: [-9, -1, 3, 8]

Q4. Make your own list. Write a Python program that takes an integer as an input, and make a new list containing the last n elements of the original list. Using slicing logic.

```
my_list = [10, -5, 8, 3, -1, -9, 7, 2]

'''
Enter n = 3

Result = [-9, 7, 2]
'''
```

Q5. Make your own list. Write a Python program that takes an integer as an input, and make a new list containing the last n elements of the original list but in reverse order. Using slicing logic.

```
my_list = [10, -5, 8, 3, -1, -9, 7, 2]

'''
Enter n = 4

Result = [2, 7, -9, -1]
'''
```

Q6. Make your own list. Write a Python program to reverse that list using slicing.

Q7. Write a python program to interchange first and last elements in a list.

Q8. Write a Python code to split a list into two halves using list slicing. (Keep the length of list even).