**Python**

**Case Study**

**Basic Calculator WEEK 1**

CASE STUDY

You are asked to create calculator by answering following tasks:

1. Create a function called **"addition\_2number"** that takes two input numbers from user and returns sum and count of them.

2. Create a function called **"addition"** that can add two or more numbers till user enters zero and returns answer and count of input numbers in a list.

3. Create a function called **"subtraction"** that can subtract two or more numbers till user enters zero and returns answer and countof input numbers in a list.

4. Create a function called **"multiplication"** that can multiply two or more numbers till user enters zero and returns answer and count of input numbers in a list.

5. Create a function called **“average”** that returns mean of **“addition”** function. 6. Create a simple calculator that asks user to perform operations among created functions. 7. Write a Python program to find intersection of two given arrays using **lambda.** 8. Write a Python program to add two given lists using **map** and **lambda.**

9. Write a Python program that stores numbers in a list which are divisible by nineteen or thirteen from a given list.

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