

Lab1 : Write a program using function to calculate numbers

```
Python-projects > function-calculator.py > ...
1 # write a python program with function, that will ask for two numbers (integer and float)
2 # and calculate the sum of those two numbers.
3 # display on the screen : the sum of number1 and number2 is: sum
4
5 def calculate_sum():
6     number1 = int(input("Please, enter a number: \n"))
7     number2 = float(input("Please, enter a second number: \n"))
8
9     result = number1 + number2
10    print(f"The sum of {number1} and {number2} is: {result}.")
11
12 # Call the function
13 calculate_sum()
14
```

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
● PS C:\Users\23767\Desktop\AWS-COURSES\git-github\Python-projects> python .\function-calculator.py
Please, enter a number:
80
Please, enter a second number:
12.3
The sum of 80 and 12.3 is: 92.3.
○ PS C:\Users\23767\Desktop\AWS-COURSES\git-github\Python-projects> []
```

Lab2 : Write a program using function to define a translator

```
Python-projects > function-translator.py > ...
1 # Write a python program using function, to create an English to French translator program
2 # The program takes a word from the user as an input and translates it using
3 # a dictionary data type as a vocabulary. Please add the translation of "prune" in your
4 # project. If word is not in the code vocabulary, print ({word}) is not in my memory
5
6 def translator_english_to_french():
7     translator = input('Please enter the word you want to translate:\n')
8
9     word_translated = {
10        "prune": "Le pruneau est le fruit séché d'une variété de prunier cultivé",
11        "mango": "La mangue",
12        "pineapple": "L'ananas"
13    }
14
15    if translator in word_translated:
16        print(f"The translation of {translator} in French is: {word_translated[translator]}")
```

```
13     }
14
15     if translator in word_translated:
16         print(f"The translation of {translator} in French is: {word_translated[translator]}")
17     else:
18         print(f"{translator} is not in my memory")
19
20 translator_english_to_french()
21
```

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS
PS C:\Users\23767\Desktop\AWS-COURSES\git-github\Python-projects> python .\function-translator.py
Please enter the word you want to translate:
mango
The translation of mango in French is: La mangue
PS C:\Users\23767\Desktop\AWS-COURSES\git-github\Python-projects> []
```

Lab3