

Assignment 2

Deadline: 5th Dec, 2023

Instructions

Before beginning the assignment, please make sure you have following tasks completed:

1. Installation of VS Code.
2. Installation of Python
3. Making of Github Profile
4. Watched the video of using Github by [clicking this link](#).

Question 1

Write a Python function `sum_list` that returns the sum all the numbers in a list.

Input: [8, 2, 3, 0, 7]

Output: 20

Question 2

Write a Python function `test_prime` that takes a number as a parameter and checks whether the number is prime or not.

Input 1: 7

Output 1: True

Input 2: 10

Output 2: False

Note: A prime number (or a prime) is a natural number greater than 1 and that has no positive divisors other than 1 and itself.

Question 3

Write a Python function `is_even_num` that accepts a list and returns another list with numbers from a given list.

Input: [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]

Output: [2, 4, 6, 8, 10]

Question 4

Write a Python program that deletes a list of keys from a dictionary

Given :

```
sample_dict = {  
    "name": "Kelly",  
    "age": 25,  
    "salary": 8000,  
    "city": "New york"  
}  
  
# Keys to remove  
keys = ["name", "salary"]
```

Expected output:

```
{'city': 'New york', 'age': 25}
```

Submission

After completing the assignment on Github, please make fill the response form on [this link](#)