

PYTHON

Lecture – 15



Recap

- Functions
- Variable Scopes
- Modules

Contents

- Quiz
- Problem Solving
- Github
- Online Profiling [Linked In, Github, Upwork/Fiver]

Exercises

- Write a python program that solves the following problem
 1. Find the sum of all prime numbers from a given list (User Input).
 2. Find the sum of the digits of the sum from step 1.
 3. Check again whether the digit sum from step 2 is a prime number.

Instructions: Create a module (e.g. *myModule.py*) that contains all functions including prime finder, and digit sum. Then import this module from another file (*e.g. main.py*) and take input from main file, and display output.

Sample Input 1: 12 13 7

Sample Output: The final number 2 is a prime

Sample input 2: 11 13 14 17 7

Sample Output: The final number 12 is not a prime

