

Name-Surname: _____ ID: _____

Software Engineering Lab

Direction Lab #1

13th January 2022

1. Write your first Python program in Visual Studio Code and try out the debugging functions.

☐

2. Write code in program 1.1 and run it in Visual Studio Code.

☐

3. Write a recursive function using Python to perform binary search to find a number in a list; if the number is found, the function returns the position of the number in the list; otherwise, it returns False.

For example: `binary_search(7, [2, 3, 4, 7, 8])` → 3.

☐

4. Define a Time class in Python, it contains properties hour, minute, and second, and also provides methods to set, get, and print out a time in “HH:MM:SS Hrs.” format.

For example, `time1 = Time(9,30,0)`
`time1.print()`
`>> 09:30:00 Hrs.`

☐