

Python – Lab exercise 2

1. Familiarization with Sublime editor

Using the print statement, print a right angled triangle of stars as follows:

```
*  
  
***  
  
*****  
  
*****  
  
*****
```

2. Let us explore more

- A. Limiting the number of decimal places. Example: `print("%.2f"%(4/3))`.
- B. The `format()` command. Example: `print("The number is {0}".format(x))`

Using the above commands write a program that prompts the user to input 2 float numbers and displays their sum upto 2 decimal places as follows:

```
The input numbers are .... and ..... Their sum is ....
```

(use meaningful variable names and appropriate comments)

3. Escape sequences: `\'`, `\"`, `\t`, `\n`

4. Observing the program flow through 'python tutor'.

<https://pythontutor.com/python-debugger.html#mode=edit>

- A. Copy and paste your code from Q2 and observe in python tutor
- B. Write a program to input a float type number, find and display its square root using the operator(s) discussed in class.