United International University (UIU)
Dept. of Computer Science & Engineering (CSE)
Class Test III: : Trimester: Fall · 2023
Course Code: DS 1501, Course Title: Programming for Data Science, Sec 8B

Total Marks: 20   Duration: 45 Minutes

Please answer all the questions. Figures are in the right-hand margin indicates full marks,

---

Question 1:   7

Write the Python code to find the value of factorial N, where N will be taken by the user as an input. E.g. 1*2*3*...*N-1*N

Question 2:   7

Write the Python code for the following output:

```
1
1    2
1    2    3
1    2    3    4
1    2    3    4    5
```

Question 3:   6

Function to calculate the sum of n numbers coming from the console.

Sample input	Sample output
80 33 27	Sum In Function: 140 Sum In Main: 140
100 -100	Sum In Function: 0 Sum In Main: 0