

United International University (UIU) Dept. of Computer Science & Engineering (CSE)

Mid-Term Exam Trimester: Fall 2023

Course Code: CSE 1112, Course Title: Structured

Programming Language Lab

Total Marks: 30 Duration: 1 hour 15 minutes

Set: B

Any examinee found adopting unfair means would be expelled from the trimester/program as per UIU disciplinary rules.

	le input				Sample output
1 2 3 4 5	2 3 4 2 4	3 4 9 6	4 1 6 7 2	5 6 7 8	47
1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	19

2.	Write a C program that will take n integer numbers into an array, and then find the second smallest number of the array.					
	Sample input	Sample output	\neg			
	8 82139645	2				
	4 5 3 8 7	5				
3.	Write a C program that will reverse the digits of an input integer.					
	Sample input	Sample output				
	1234	4321				
	912	219				

Mark Distribution for each problem:

- 1. Properly taking inputs and saving them. (2)
- 2. Solving logic and proper implementation. (6)
- 3. Properly showing outputs. (2)

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