

FINAL [MOCK] EXAM FALL SEMESTER 2024

COURSE NAME:	Computer Programmin	g COURSE NUMBER:	4-CPR-11-386			
EXAMINATION DATE:		EXAMINATION TIME:				
EXAMINATION DURATION:	50 mins	EXAM VERSION:	MOCK			
ADDITIONAL MATERIALS ALLOWED TO USE:	Book(s), Notebook(s), Copelectronic device (laptop, s	. •	1 1			
Please do not open the examination paper until directed to do so.						
Your answer will be marked based on the following assessment criteria: 1. Relevance of the answers to the question, proper examples provided 2. Creativity, variety, individuality towards the answer provided 3. Any extra attempt from student to fulfill the answers 4. Proper order of organization of the answer with clear written form Additional Feedback: MARK (DO NOT FILL):						
STUDENT ID NUMBER		Name:				

Computer Programming MOCK Final examination 100 points

Part	1 (25	points)

1. Describe the pointer variable, how it is stored in memory (RAM), what characteristics it has in memory storage (4, points): answer:
2. Describe characteristics of vector data structure, mention any 4 characteristic: answer:
3. Explain recursive programming and try to give simple example: answer:
4. Consider a Class Dish with attributes name: string, cost: int. Write C++ code snippet function below for overloading operator "+" The function should add the cost of both objects and return the summation of it (15, points): answer below:

of using it:	
code snippet 1:	code snippet 2:
code snippet 3:	code snippet 4:
code snippet 5:	

Mention any 5 functions of the vector data structure with description and give C++ example snippet code

$Part \ 3 \ (40 \ points)$

This is a integer data type two-dimensional array int myArr[4][4]; Write a nested for loop to initialize two
dimensional array and another nested for loop to print the values. Please, use new line and set width
components to make the output formatted. No need to mention main function, libraries, only provide answer
as code snippet:

answer C++ code snippet here:	