

CSE, 2ndSem (2020 - 2024)
 Paper Name: Programming for problem solving
 Paper Code: PCC-CS 291



Date: 28/05/2021
 Full Marks: 40
 Time: 1:10 Hours

Lab Exam
Set 1

	Write set number on your copy.					
	Answer the entire question.			Marks	CO Mapping	BT Level
1.	Write a program to calculate the parking charges. Read the hours and type of vehicles. For example enter a character for type of vehicle as "c" for car, "t" for truck, "b" for bus and son on.			10		Apply
	Vehicle Name	Rate till 3 hrs	Rate after 3 Hours			
	Truck/Bus	20	30			
	Car	10	20			
	Cycle/Motor Cycle/Scooter	5	10			

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Set 2

	Write set number on your copy.						
	Answer the entire question.				Marks	CO Mapping	BT Level
1.	. In a small company there are 5 salesman. Each salesman supposed to sell 3 products. Write a program using a two dimensional array to print – (i) The total sales by each salesman and (ii) The total sales of each items.				10		Apply
	Example sample i/o:						
	<u>Input:</u>						
	Sale Man number	Product 0	Product 1	Product 2			
	0	23	23	45			
	1	34	45	63			
	2	36	33	43			
3	33	52	35				
4	33	52	35				

	Output: Total Sales by Salesman 0 = 91 Total Sales by Salesman 1 = 142 Total Sales by Salesman 2 = 112 Total Sales by Salesman 3 = 120 Total Sales by Salesman 4 = 141 Total sales of Product 0 = 158 Total sales of Product 1 = 198 Total sales of Product 2 = 250				
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Lab Exam
Set 3

	Write set number on your copy.				
	Answer the entire question.		Marks	CO Mapping	BT Level
1.	Write a program to calculate electricity bill based on the following information		10		Apply
	Consumption unit	Rate of charge			
	0-150	Rs. 3 per unit			
	151 - 350	Rs. 100 plus Rs 3.75 per unit exceeding 150 units			
	351 - 450	Rs. 250 plus Rs 4 per unit exceeding 350 units			
	451 – 600	Rs. 300 plus Rs 4.25 per unit exceeding 450 units			
	Above 600	Rs. 400 plus Rs. 5 per unit exceeding 600 units			