CT -1
Section : C

Course name: Object Oriented Programming II: Visual and Web Programming

Course code: CSE 309   **Marks:**   20

Time :30 minutes

Name:

ID: Date:

1.	my_list = [5, 10, 15, 20, 25, 30, 35, 40, 45] a. Write a list slicing command to obtain the output **[10, 25, 40]** from **my_list**. b. Write a list slicing command to obtain the output **[45, 40, 35]** from **my_list**. c. What is the output of the code : **print(my_list.pop() == my_list[-1])** d. Write code to add all the elements of **my_list**. Print the sum. e. With the string **my_string = "Hello, World!"**, how can you slice the string to obtain just the substring **"World"**?	CO1	5x2= 10
2.	Take an integer as input from the user and check whether he/she is eligible to vote or not. If not, then check how many years it will be until he/she can vote.	CO2	4
3.	You are given a list of integers. Write a Python code snippet to count the even and odd numbers in the list. Print the total counts for each, and then print "More evens" if there are more even numbers, or "More odds" if there are more or an equal number of odd numbers. Suppose the list is : **numbers** = [12, 7, 5, 8, 14, 9, 22, 13, 18, 21]. You do not have to take user input. **Your code should work with every possible list.**	CO2	6

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1.	my_list = [1,3,5,7,9,11,13,15,17]
	
	    a. Write a list slicing command to obtain the output **[3,9,15]** from **my_list**.
	    b. Write a list slicing command to obtain the output **[17,15,13]** from **my_list**.
	    c. What is the output of the code : **print (my_list[-1] == (my_list.pop())**
	    d. Write code to add all the elements of **my_list**. Print the sum.
	    e. With the string **my_string = "Hello, World!"**, how can you slice the string to obtain just the substring **"Hello"**?
		CO1	5x2= 10

2.	Take an integer as input from the user and check whether he/she is eligible to vote or not. If not, then check how many years it will be until he/she can vote.	CO2	4
3.	You are given a list of integers. Write a Python code snippet to count the even and odd numbers in the list. Print the total counts for each, and then print "More evens" if there are more even numbers, or "More odds" if there are more or an equal number of odd numbers. Suppose the list is : **numbers** = [12, 7, 5, 8, 14, 9, 22, 13, 18, 21]. You do not have to take user input. **Your code should work with every possible list.**	CO 2	6