NEW HORIZON COLLEGE OF ENGINEERING, BANGALORE
DEPARTMENT OF COMPUTER APPLICATIONS
Programming With Java (20MCA11)
I Semester MCA
Assignment 1

DATE : 23/02/2021

MAX.MARKS : 7.5

Group1

S.No.	Question	Level	CO's
1	Examine the operation of garbage collection and finalizers in java.	L4	CO1, CO2
2	Develop a program on your own to remove the duplicate elements in an array and print	L6	CO3, CO4
3	Develop a program to initialize an integer array with values and check if a given number is present in the array or not. If the number is not found, it will print -1 else it will print the index value of the given number in the array Ex1) Array elements are {1,4,34,56,7} and the search element is 90 O/P: -1 Ex2)Array elements are {1,4,34,56,7} and the search element is 56 O/P: 4	L6	CO3, CO4
4	Write a program to print prime numbers between 10 and 99.	L6	CO1, CO2

Group2

S.No.	Question	Level	CO's
1	Illustrate type casting in detail with proper example?	L3	CO1, CO2
2	Develop a program on your own to print the element of an array that has occurred the highest number of times	L6	CO3, CO4
3	Develop a program on your own to find sum of n numbers using enhanced for loop	L6	CO1, CO2
4	Construct a program to add all the values in a given number and print. Ex: 1234->10	L6	CO1, CO2

Group3

S.No.	Question	Level	CO's
1	Illustrate the importance of this keyword with example	L3	CO1, CO2
2	Design a program that displays a menu with options 1. Add 2. Sub Based on the options chosen, read 2 numbers and perform the relevant operation. After performing the operation, the program should ask the user if he wants to continue. If the user presses y or Y, then the program should continue displaying the menu else the program should terminate. Note: Use Scanner class	L6	CO1, CO2
3	Develop a program on your own to find the largest 2 numbers and the smallest 2 numbers in the given array	L6	CO3, CO4
4	Write a Java program to find if the given number is palindrome or not	L6	CO3, CO4

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