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_____
Q1:
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Description: Write a Java program to sum values of an array
       Input a[]= {1, 2, 3, 4, 5, 6, 7, 8, 9, 10}
       Output = 55
Q2:
Description: Write a Java program to calculate the average value of array
elements.
       Input a[]= {1, 2, 3, 4, 5, 6, 7, 8, 9, 10}
       Output = average = 7.0
Q3:
Description: Write a Java program to remove duplicates from array
       Input a[]= {10,10,20,50,60,80,60,50}
       Output a[]= {10,20,50,60,80}
Q4:
-----
Q4.1:
Description : Create a new ArrayListlist with values and find the length of it
             Input : List = 10,20,30,90,10,10,40,50
Q4.2:
Description: Create a new LinkedListlist with values and find the length of it
             Input : List = 100,200,300,400,500,600,700
Q5:
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Q5.1:
-----
Description : Get the first index value of 10
             Input: List = 10,20,30,90
Q5.2:
-----
Description : Get the last index value of 10
             Input: List = 10,20,30,90,10,10,40,50
Q5.3:
-----
Description : Get the each index value of 10 present in below list
             Input: List = 10,20,30,90,10,10,40,50,10
Q6:
```

Array & List Task

Q6.1: Description : Get the value present at 2nd index Input: List = 10,20,30,40,50,60Q6.2: Description : Get the value present at 4th index Input: List = 100,200,300,400,500,600,700Q6.3: Description : Get the each value of list by using normal for loop Input: List = 105,205,305,405,505,605,705,805 Q6.4: _____ Description : Get the each value of list by using enhanced for loop Input: List = 105,205,305,405,505,605,705,805 QUESTION 7: -----QUESTION 7.1: ______ Description : Remove the value present at 2nd index Input: List = 10,20,30,40,50,60 QUESTION 7.2: -----Description : Remove the value present at 10th index Input: List = 10,20,30,90,10,10,40 QUESTION 8: -----Q8.1: Description: Add a value 50 in the 2nd index and display the list after adding. Input : List = 10,20,30,90,10,10,40,50Q8.2: Description: Add a value 80 at the 8th index of list Input : List = 10,20,30,90,10,10,40,50QUESTION 9: -----09.1: _____ Description: Replace the value 300 into 350 in the list Input : List = 100,200,300,400,500,600,700

Q9.2:

-

Description : Replace the 10 into 100 in List

Input: List = 10,20,30,90,10,10,40,50,30 Output: List = 100,20,30,90,100,100,40,50,30

Q10:

010.1:

Description : Create a new ArrayListlists with values and return the common

values

Input : List = 10,20,30,90,10,10,40,50

Input : List = 30,40,50,60,80

Q10.2:

Description : Create a new ArrayListlists with values and return the common

values

Input : List = 10,20,30,40,50,60,70,80

Input : List = 100,200,300,400,500,600,700,8000

Q11:

011.1:

Description : Create a new ArrayListlists with values and perform removeAll()

function

Input : List = 10,20,30,90,10,10,40,50

Input : List = 30,40,50,60,80

Q11.2:

Description : Create a new ArrayListlists with values and perform removeAll()

function

Input : List = 10,20,30,40,50,60,70,80

Input : List = 100,200,300,400,500,600,700,8000

















