

## COLLECTIONS

### Programs:

1. Write a program of array list by adding some values and also find the length of values

Input values= 10,20,30,40,50,60,70,80,90,100

2. Write a program of arraylist by characters and also use some array Methods to find length, add Y,Z in list, remove F char at last and replace J as I etc.,

Input values= A, S, D, F, G, H, J, F

3. Write a java program to remove its duplicate values from array.

Input values=100,200,300,400,200,600,300,800

4. Write a program with hashset using to add values and get the output.

Input values=20,30,20,30,45,50,60,45

5. Write a program with map using student details along with their keys.

Key values : stdId,stdName,stdPhone,address,dOB,eMail,gender  
And Give the related values for key for each Student

### **Theory:**

1. Why is Java collection used?
2. What is difference between array and collection?
3. What is collection and explain about its types?