Prerequisites:

Refer: Read the class description & the methods in the ArrayList class javadoc

1. Write a program to create an ArrayList & print the size of it
2. Write a program to create an ArrayList & add 5 Strings from the command line to it. Print the ArrayList & the size of it
3. Write a program to create an ArrayList & add 5 integers from the command line to it. Print the ArrayList & the size of it
4. Write a program to create an ArrayList & add your custom objects to it. Print the ArrayList & the size of it
5. Write a program to create an ArrayList & add 2 integers, add 3 Strings from command line & 2 custom objects.Print the ArrayList & the size of it
6. Write a program to create an ArrayList & add 4 Strings from the command line to it. Then find the index of any one of the already added String. Print the ArrayList & the size of it as well.
7. Write a program to create an ArrayList & add 5 Strings from the command line to it. Use the iterator method & for loop to print each element in the ArrayList
8. Write a program to create an ArrayList & add Strings from the command line to it. Print the String at a given index in the ArrayList & the size of it
9. Write a program to create an ArrayList & add 5 Strings(with duplicates) from the command line to it. Find the first & last position(index) of a duplicate string.
10. Write a program to create an ArrayList & add 5 Strings from the command line to it. After that add a given String at the 2nd position of the ArrayList. Print the ArrayList & the size of it as well.
11. Write a program to create an ArrayList(first ArrayList) & add 10 Strings from the command line to it. Using that ArrayList create a new ArrayList(second ArrayList) with elements from 3 to 8 position of the first ArrayList
12. Write a program to create an ArrayList(first ArrayList) & add 3 Strings from the command line to it. Create another ArrayList(second ArrayList) with 5 more Strings from the Command line. Now create another ArrayList (third ArrayLIst) using the above two ArrayLists. Print the third ArrayList & size of it. Note: You should not use a loop to create a 3rd ArrayList.
13. Write a program to create an ArrayList(first ArrayList) & add 5 Strings from the command line to it. Create another ArrayList(second ArrayList) with 3 more Strings from the Command line. Now create another ArrayList (third ArrayLIst) using the

above two ArrayLists. But all the elements of secondArrayList should be ahead of the first ArrayList elements. Print the third ArrayList & size of it. Note: You should not use a loop to create a 3rd ArrayList.

14. Write a program to create an ArrayList & add 5 decimal values from the command line to it. Remove a decimal value at position 4 from the ArrayList.Print the ArrayList & the size of it as well.

15. Write a program to create an ArrayList(first ArrayList) & add 5 Strings from the command line to it. Create another ArrayList(second ArrayList) with the same 3 Strings in the previous 5 Strings. Now remove the elements from the first ArrayList which are present in the secondArrayList. Note: You should not use a loop to remove the elements. Print the ArrayList & the size of it as well.

16. Write a program to create an ArrayList(first ArrayList) & add 5 Strings from the command line to it. Create another ArrayList(second ArrayList) with the same 3 Strings in the previous 5 Strings. Now remove the elements from the first ArrayList which are not present in the secondArrayList. Note: You should not use a loop to remove the elements. Print the ArrayList & the size of it as well.

17. Write a program to create an ArrayList & add 10 long values from the command line to it. Remove all the long values from the ArrayLIst.Print the ArrayList & the size of it as well.

18. Write a program to create an ArrayList & add 5 String values from the command line to it. Check whether a given String is present in the ArrayList.Print the ArrayList & the size of it as well.