

**GLS UNIVERSITY**  
**FCAIT**  
**SUBJECT: 0301405 Advanced Java Practical**  
**BCA Sem – IV**  
**Practical Assignment – II**

1.	Prepare Integer ArrayList of size 5 and use add, remove, get, size, sublist, addall methods.
2.	Write a program for adding 10 elements in a Arraylist and display them using ListIterator.
3.	Write a program for adding 10 elements in a Arraylist and display them using Iterator.
4.	Write a program that will -create an arraylist of 5 cars -print the array -add 2 cars at 3rd positins -print the array with changes -remove the car from 2nd position -print the array with changes
5.	Prepare String ArrayList of size 5 and use add, indexof, lastindexof methods
6.	Create an arraylist of double type and traveser it using iterator interface.
7.	Make String ArrayList and print them using listitrator
8.	Traverse arraylist using for, foreach and listiterator.
9.	Traverse arraylist using listiterator and remove elements which are divisible 5.
10.	Write a program for adding 10 elements in a Linkedlist and display them using foreach loop.
11.	Write a program for adding 10 elements in a Linkedlist. AddFirst, addLast, getFirst, getLast, contains, remove methods of LinkedList.
12.	Create a linkedlist of student class and traverse using foreach loop.
13.	Write a program for adding 10 elements in a stack and display them.
14.	Write a program to create a stack of double type and try push, pop and peep mthods of stack.
15.	Write a program to create a queue of integer type and try add, poll and peek mthods of queue.
16.	Write a program for adding 10 elements in a TreeMap and display them.
17.	Write a program showing various methods of HashMap class.
18.	Write a program showing various methods of TreeMap class.
19.	Write a program showing various methods of HashSet class.
20.	Write a program to store elements in Hashset and search a perticular element in it.
21.	Write a program for adding 10 elements in a HashMap and display them.