

GLS UNIVERSITY
Faculty of Computer Applications & Information Technology
Integrated MSc (IT)
Semester-IV
221601405 Practicals on Core Java
Unit 2 Practical Assignment

1.	Write a Java Program to create an array with 10 elements and find Smallest Number from it.
2.	Write a java Program to remove duplicate element in an Array.
3.	Write a Java program to remove the duplicate elements of a given array and return the new length of the array. Example array: [20, 20, 30, 40, 50, 50, 50]
4.	Write a Java program to create an array with 10 elements and sort it.
5.	Write a Java program to create a two-dimensional array and find the minimum value out of it.
6.	Write a Java program to create a two-dimensional array and sum all the diagonal elements of it.
7.	Write a Java Program to create an array containing marks of all students in physics using a for-each loop.
8.	Write a Java program to sort array elements in descending order.
9.	Write a Java program to search an element in an array. (Note: using user-defined function)
10.	Write a Java Program to create add function to sum all the elements. Note: use Variable length argument concept
11.	Create a class Admin with Id, enrollment no and name. Create two methods named input() and display(). Create 5 objects of that class and print all the values of it. Note: use Array of Object concept
12.	Write a Java program to create LinkedList and display them.
13.	Create a stack with 5 elements and find the minimum value out of it.
14.	Create a Priority queue with 10 elements and print the minimum value out of it.
15.	Write a Java program to create an ArrayList with 5 elements and perform following operations on it: <ul style="list-style-type: none"> • get() • contains() • remove() • sort()
16.	Write a Java program to create a Linkedlist and perform following operations on it: <ul style="list-style-type: none"> • add() • addAll() • AddFirst() • get() • lastIndexOf()
17.	Write a Java program to create a Stack and perform following operations on it: <ul style="list-style-type: none"> • Push()

	<ul style="list-style-type: none">• Peep()• Pop()• Search()
18.	<p>Write a Java program to create a Priority Queue and perform following operations on it:</p> <ul style="list-style-type: none">• add()• peek()• poll()• contains()