
Java Programming Laboratory

LAB-II

Date:- 16/01/2024

- A. Write a program in java to ask the user to enter three numbers.
 - a. Next, write conditions to check whether the entered numbers are integers.
 - i. **If** any of the input numbers are not integers, then the program should print "Enter valid integer inputs,"
 - ii. **Else** the program needs to find out the largest among the three numbers and print the output: "The largest number among the input integers is: <the_number_returned_by_the_program>"
- B. Write a program in Java that asks the user to enter ten numbers from the command line and print both the count and corresponding numbers from each bracket (even and odd) among the input numbers. The program should handle the conditions where the user may input any non-integer input.
- C. Write a java program that asks the user to enter the size of an array. Next, create an array of specific size input by the user, followed by asking the user to input the array's contents through the command line. Finally, the program must sort the user-entered list of numbers and output the sorted array entries.
- D. Write a java program that asks the user to fill an integer array's size and its entries through the command line. Next, the program must find out the no. of occurrences of each element in the user-entered array, followed by printing each array entry along with the number of its occurrences in the array.
- E. Write a java program that asks the user to enter the cell values of a 3 x 3 matrix through the command line, followed by printing the sum of each diagonal (left & right) element separately.
- F. Write a java program to find the number of objects created out of a class using the static modifier.