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Sub: CA327: Object Oriented Programming through JAVA

Practical Assignment-8

1. Write a program that does the following:
   Create an ArrayList of integers, add the elements [12, 25, 34, 46] to it
   Remove the number 25 from the ArrayList
   Print the final ArrayList
2. Imagine you have a task list that you want to organize in order of priority. You start with a blank piece of paper and write down the first task on your list: "Preparation of Subject Java". This is the starting point of your LinkedList. You then write down the next task on your list: "Case Study work". You continue to add tasks to the list in order of priority, drawing arrows to connect the tasks in the list.
   This is similar to how a LinkedList works in Java. Each task in the list is called a node and contains a reference to the next task in the list. The first task in the list is called the head, and the last task is called the tail.
   Here's some important methods of Java LinkedList:
   add(element): adds an element to the end of the list.
   Display Linked List.
   Implement various methods of Linked List class.
3. Write a program to do the following:
   Create a LinkedList of integers with the following nodes: 100, 200,300,400.
   Find the middle node of the list and output it to the console.