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import java.util.*;
public class ListADT {
    private int[] data;
    private int size;
    private int capacity;
    public ListADT(int capacity) {
        this.capacity = capacity;
        data = new int[capacity];
        size = 0;
    }
    public void insert(int pos, int rollNumber) {
        if (size == capacity) {
            System.out.println("List is full!");
            return;
        }

        if (pos < 0 || pos > size) {
            System.out.println("Invalid position!");
            return;
        }
        for (int i = size - 1; i >= pos; i--) {
            data[i + 1] = data[i];
        }

        data[pos] = rollNumber;
        size++;

        System.out.println("Inserted " + rollNumber + " at position " +
pos);
        display();
    }
    public void display() {

```

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        System.out.print("Current List: ");
        for (int i = 0; i < size; i++) {
            System.out.print(data[i] + " ");
        }
        System.out.println();
    }
    public static void main(String[] args) {
        ListADT students = new ListADT(10);
        students.insert(0, 101);
        students.insert(1, 105);
        students.insert(1, 103);
    }
}
```