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public class StudentInfoTracker {
      int n = intArray.length;
               if (intArray[j - 1] > intArray[j]) {
                   temp = intArray[j - 1];
                   intArray[j - 1] = intArray[j];
                   intArray[j] = temp;
  public static void main(String[] args) {
      Scanner scanner = new Scanner(System.in);
      System.out.println("Welcome to the Student Information Tracker!");
      String[] names = new String[number];
      LinkedList<String> studentData = new LinkedList<String>();
      ArrayList<String> assignmentList = new ArrayList<>();
       int[] gradesArray = new int[number];
           System.out.println("Please select an option:");
          System.out.println("1: Enter Student Names");
          System.out.println("2: Add or Delete Student Names");
          System.out.println("3: Replace Student Names");
          System.out.println("6: Enter Student ID Numbers");
           int choice = scanner.nextInt();
                   for (int i = 0; i < number; i++) {</pre>
                       System.out.println("Please enter student name: ");
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System.out.println(names[i]);
                   for (String name : names) {
                       studentData.add(name);
                   System.out.println("Here is the student data before we add,
remove, or replace any students: ");
                   System.out.println(studentData);
                   System.out.println("Would you like to add or delete students
from your list: ");
                  System.out.println("type 'add' to add and 'delete' to delete
                   if (response.equals("add")) {
                       studentData.add(ans);
                   if (response.equals("delete")) {
                       String ans2 = scanner.next();
                       studentData.remove(ans2);
                   System.out.println(studentData);
                   System.out.println("What is the name of the student: ");
                   String nameEntered = scanner.next();
                   studentData.add(index, nameEntered);
                   System.out.println("Here are the names after these changes:
                   System.out.println(studentData);
```

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assignments: ");
                   for (String students : studentData) {
                       System.out.println(students + " what assignment would
you like to submit: ");
                       String answer = scanner.next();
                       AssignmentCompletion.offer(answer);
                       assignmentList.add(answer);
                       String answer = AssignmentCompletion.poll();
                       System.out.println(studentDatum + " here is your
assignment: " + answer);
                   gradesArray = new int[studentData.size()];
                   System.out.println("Lets assign what grade each student got
on their math exam: ");
                   for (int i = 0; i < studentData.size(); i++) {</pre>
                       String student = studentData.get(i);
                       System.out.println("What did " + student + " get on " +
assignment + ": ");
                       studentGrades.push(grade);
                       gradesArray[i] = grade;
                       System.out.println(student + " - Grade: " +
studentGrades.pop());
                   System.out.println("Would you like to sort the grades from
                   if (ans3.equalsIgnoreCase("y")) {
                       System.out.println();
                       System.out.println("Grades After Sort");
                           System.out.print(j + " ");
```

```
student ID");
                       System.out.println(studentTracker + " please enter the
                       System.out.println(StudentInfo + " - ID: " +
studentTracker);
                   System.out.println("Invalid input");
```