**ArrayList Assignment**

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**Problem Statement**

A fashion E-commerce company keeps a track of all the orders using an **ArrayList** and a class Order. Implement class **Order** and retrieve and return the list of items present in all the orders. Implement the logic inside **getItems()** method.

Test the functionalities using the **main()** method of the **Tester** class.

**Sample Input and Output**

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| **Sample Input** | **Expected Output** |
| orders=[Order(101,itemNames=[Jeans, Shirt, Belt],true), Order(102,itemNames=[Tie,Shirt],true),Order(103,itemNames=[Tshirt,Socks,Tie],true) | [Jeans,Shirt,Belt,Tie,Shirt,Tshirt,Socks,Tie] |
| orders=[Order(311,itemNames=[Sportswear, Dumbbell],true), Order(102,itemNames=[, Jeans],true),Order(103,itemNames=[Smartwatch,Fitnessband,Joggers],true) | Sportswear,Dumbbell,Smartwatch,Fitnessband,Joggers] |

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| --- |
| **Add your code here**  import java.util.\*;  class Order {      int orderNo;      String[] itemNames;      boolean status;      Order(int orderNo, String[] itemNames, boolean status) {          this.orderNo = orderNo;          this.itemNames = itemNames;          this.status = status;      }      public String[] getItems() {          return itemNames;      }  }  public class testOrder {      public static void main(String[] args) {          Scanner s = new Scanner(System.in);          ArrayList<Order> orders = new ArrayList<>();            System.out.println("\n\nEnter no. of items for Order No. 1: ");          int no = s.nextInt();          String[] list1 = new String[no];          System.out.println("\nEnter names of Items: ");          for (int i = 0; i < no; i++) {              list1[i] = s.next();          }            System.out.println("\n\nEnter no. of items for Order No. 2: ");          no = s.nextInt();            String[] list2 = new String[no];          System.out.println("\nEnter names of Items: ");          for (int i = 0; i < no; i++) {              list2[i] = s.next();          }            System.out.println("\n\nEnter no. of items for Order No. 3: ");          no = s.nextInt();            String[] list3 = new String[no];          System.out.println("\nEnter names of Items: ");          for (int i = 0; i < no; i++) {              list3[i] = s.next();          }            Order order1 = new Order(101, list1, true);          Order order2 = new Order(102, list2, true);          Order order3 = new Order(102, list3, true);          orders.add(order1);          orders.add(order2);          orders.add(order3);          Iterator<Order> o = orders.iterator();            while (o.hasNext()) {              Order obj = (Order) o.next();              System.out.print(Arrays.toString(obj.getItems()));          }      }  } |
| **Expected Output:** |