

## Deluge Exercise - VI

1. Find the largest number in the list - Input = {22,44,3,45,78,999,99};
2. Second Largest number in the list - Input = {22,44,3,45,78,999,99}
3. Find duplicates in the list - Input = [1, 2, 3, 4, 5, 1, 2, 3];
4. Shuffel numbers in a given list - Input = [1, 2, 3, 4, 5, 6,7, 8];
5. TO REVERSE THE NUMBERS IN GIVEN LIST: - Input = {1, 2, 3, 4, 5};
6. Print the output from the given string or text into a separate list

character\_list = {"fny46\$@sdv","ib456&^dfg","6165dvd\$%&%"};

### Output :

Alpha list : ["f","n","y","s","d","v"],["i","b","d","f","g"],["d","v","d"]

Number list : ["4","6"],["4","5","6"],["6","1","6","5"]

Character list : ["\$","@"],["&","^"],["\$","%","&","%"]

7. Order Processing System: You are building an order processing system in Deluge, and you need to store customer information, including their name, email, and order details. Design a Map data structure to store this information, and write a Deluge script to add a new customer, update an existing customer's order, and retrieve a customer's order details.

8. Product Catalog: You are building a product catalog system in Deluge, and you need to store product information, including product ID, name, description, and price. Design a Map data structure to store this information, and write a Deluge script to add a new product, update an existing product's details, and retrieve a product's details by ID.