1. There is an array/list = [2,3,2,4,1,2,5,3,2,1,4,5,8,6,3,2,1,2,1,5]. Output will be an array with distinct element in ascending order. Means the output for this given array should be [1, 2, 3, 4, 5, 6, 8]
2. Write a program in python to join two arrays/lists and sort the merge array/lists.
   Input
   A = [2,3,5]
   B = [1,4,9]
   OuWrtput
   MergedArr = [1,2,3,4,5,9]
3. Write a program to enter **n** integers into an array/list. The output should be a list of words as based on they are prime or non-prime.
   Input
   Enter the quantity of elements: 6
   Enter the values below:
   3
   5
   9
   16
   13
   2
   Output
   [“PRIME”, “PRIME”, “NON-PRIME”, “NON-PRIME”, “PRIME”, “PRIME”]
4. There is a list of words = [‘apple’, ‘lucifer’, ‘mega’, ‘stock’, ‘bitcoin’]. Remove the elements containing ‘a’ and print the remaining list. Output should be: [‘lucifer’, ‘stock’, ‘bitcoin’]
5. Write a program which can take unlimited numbers of elements and append it to a list. Write in such a way that after every entry the program should ask “Do you want to enter more? (y/n):” If your answer is ‘y’/’Y’ the program should allow you to enter more elements otherwise the program will terminate and print the entered values and a message “Thanks for entering”.
6. Write a program to check whether a number is Armstrong or not.
   Input
   Enter an integer: 153
   Output
   It’s Armstrong
   Explanation
   153 has 3 digits. The digits are 1,5 and 3. And $1^3+5^3+3^3 = 153$, hence it is Armstrong.
7. Write a program to print all the Armstrong numbers in a given range.
   Input
   START = 10
   END=500
   Output
   153
   370
   371
   401