**Assignment 1:**

Take input from user an integer number 'n'. Ask the user to input any 'n' teams playing in football world cup match . Store all the team names in the list . Then print all the names in sorted order.

Eg: Please enter how many teams : 3

Please enter team 1: Brazil

Please enter team 2: Mexico

Pleaes enter team 3 : France

The teams in sorted order are:

Brazil

France

Mexico

**Assignment 2:**

Take input from user a number n.

Then take input names, quantity and price of n items of shopping list.

Print the total bill of all the items in the list.

Input : How many items in your shopping list: 2

Enter name of item 1 : Potato

Enter quantity of item 1: 5

Enter price of item 1 : 5

Enter name of item 2 : Icecream

Enter quantity of item 2: 3

Enter price of item 2 : 100

Enter name of item 1 : Pen

Enter quantity of item 1: 10

Enter price of item 1 : 10

You total bill is : 425

**Assignment 3:**

Input a number 10 numbers from the user.

Store the numbers in a list.

Sort and print all the numbers **divisible by 5 and 2 but not by 3**.

Input : Enter number 1 :16324

Enter number 2 :1001

Enter number 3 :333

Enter number 4 :202

Enter number 5 :3400

Enter number 6 :2200

Enter number 7 :101

Enter number 8 :10000

Enter number 9 :1000

Enter number 10 :4192

Output: Numbers in sorted order divisible by 5 and 2 but not by 3 are:

1000

2200

3400

10000

**Assignment 4:**

Create a phone book using two lists . One list will store the name , and another list will store the phone number.

Provide following funcnality .

1. Add number in the phone book.

2. Delete number in the phone book.

3. Search number in the phone book.

4. Print the phone book.

**Assignment 5:**

Take list of cities as input . Assume that a user can input same city names many times. Now your task is to remove the

duplicate cities from the list.

Eg.

Input : city = ["bangalore", "chennnai", "varanasi", "hyderabad", "varanasi", "hyderabad", "goa", "goa"]

Output : city : ["bangalore", "chennai", "varanasi", "hyderabad", "goa"]

**Assignment 6:**

As discussed in the last class, we had customer data for two customers of say flipkart . In that find the custoner who has spent most amount of money on shopping with flipkart.

Note: Please add atleast 5-10 more customers in your customer dictionary.