Contents

Request:

If possible, avoid printing to save paper & earth. Document(s) are designed for easy viewing on monitors.

Assignment #1 (Basics)

Two lists to be used in the program:

```
numbers = [10, 8, 4, 5, 6, 9, 2, 3, 0, 7, 2, 6, 6]

animals = ['lion', 'tiger', 'dog', 'cat', 'goat', 'donkey', 'horse', 'hen', 'fox',
'elephant', 'snake', 'pig']
```

Determine the following:

- Print the 4th item from the "animals" list.
- Print the last item from the "animals" list.
- Print 3rd to 10th items from the "animals" list.
- Print the total number of items in the "animals" list.
- Print the sum & product of all items in the "numbers" list.

Assignment #2 (Min, Max)

Determine the minimum and maximum number from the following list:

```
numbers = [10, 8, 4, 5, 6, 9, 2, 3, 0, 7, 2, 6, 6]
```

Assignment #3 (Shopping List)

Use the following list for this assignment:

```
shopping_list = ['coconuts', 'bananas', 'onions', 'spinach', 'tomatoes',
'cilantro', 'milk']
```

Determine the following:

- Print shopping list
- If garlic is not present, add it. Print the list to confirm the addition.
- Remove onions from the list and print the list to confirm the addition.
- Add chips and bread. Print the list to confirm the addition.
- Insert oranges before bananas. Print the list to confirm the addition.

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Assignment #3 (Nested List)

Use the following list for this assignment:

```
store_inventory = [['coconuts', 100, '$2.20', 1],
                   ['bananas', 500, '$2.20', 12],
                   ['onions', 50, '$0.20', 1],
                   ['spinach', 2000, '$0.70', 1],
                   ['tomatoes', 100, '$0.30', 1],
                   ['cilantro', 100, '$0.25', 1],
                   ['milk', 100, '$2.20', 1],
                   ]
```

Prompt the user to enter an item, if the item is found display the item details as follows:

```
***************************
Details:
***************************
Item : bananas
Quantity Available : 500
Price : $2.20 (for 12)
```

If the item is not found, display "Item not found!!"

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