Simple program to add two numbers

Here num1 and num2 is a variable and we are going to add the both variable with ±
operator.

Python3

```python
# Python3 program to add two numbers
num1 = 15
num2 = 12

# Adding two nos
sum = num1 + num2

# printing values
print("Sum of", num1, "and", num2 , "is", sum)
```

Adding two numbers with user input

In the below program to add two numbers in Python, the user is first asked to enter two numbers, and the input is scanned using the Python input() function and stored in the variables number1 and number2. Then, the variable's *number1* and *number2* are added using the arithmetic operator +, and the result is stored in the variable sum.

Python3

```python
# Python3 program to add two numbers

number1 = input("First number: ")
number2 = input("\nSecond number: ")

# Adding two numbers
# User might also enter float numbers
sum = float(number1) + float(number2)

# Display the sum
# will print value in float
print("The sum of {0} and {1} is {2}" .format(number1,
                                        number2, sum))
```

Defining add function and returning the result

Python3

```python
#To define a function that take two integers
# and return the sum of those two numbers
def add(a,b):
    return a+b

#initializing the variables
num1 = 10
num2 = 5

#function calling and store the result into sum_of_twonumbers
sum_of_twonumbers = add(num1,num2)

#To print the result
print("Sum of {0} and {1} is {2};" .format(num1,
                        num2, sum_of_twonumbers))
```

```python
# Python program to find sum of elements in list

total = 0

# creating a list
list1 = [11, 5, 17, 18, 23]

# Iterate each element in list
# and add them in variable total
for ele in range(0, len(list1)):
    total = total + list1[ele]

# printing total value
print("Sum of all elements in given list: ", total)
```

Python3

```python
# Python program to find sum of elements in list
total = 0
ele = 0

# creating a list
list1 = [11, 5, 17, 18, 23]

# Iterate each element in list
# and add them in variable total
while(ele < len(list1)):
    total = total + list1[ele]
    ele += 1

# printing total value
print("Sum of all elements in given list: ", total)
```

Example #4: Using sum() method

Python3

```python
# Python program to find sum of elements in list

# creating a list
list1 = [11, 5, 17, 18, 23]

# using sum() function
total = sum(list1)

# printing total value
print("Sum of all elements in given list: ", total)
```

Python3

```python
# Python program to print Even Numbers in a List

# list of numbers
list1 = [10, 21, 4, 45, 66, 93]

# iterating each number in list
for num in list1:

    # checking condition
    if num % 2 == 0:
        print(num, end=" ")
```

```python
# Python program to print Even Numbers in a List

# Initializing list and value
list1 = [10, 24, 4, 45, 66, 93]
num = 0

# Uing while loop
while(num < len(list1)):

    # Cecking condition
    if list1[num] % 2 == 0:
        print(list1[num], end=" ")

    # increment num
    num += 1
```