

### 3) Write a Python Program to sum all the numbers in a list.

Ans. You can write a Python program to sum all the numbers in a list using a loop or by using the built-in sum() function. Using the sum() function:

```
# Define a list of numbers
```

```
numbers = [1, 2, 3, 4, 5]
```

```
# Use the sum() function to calculate the sum of the numbers
```

```
total = sum(numbers)
```

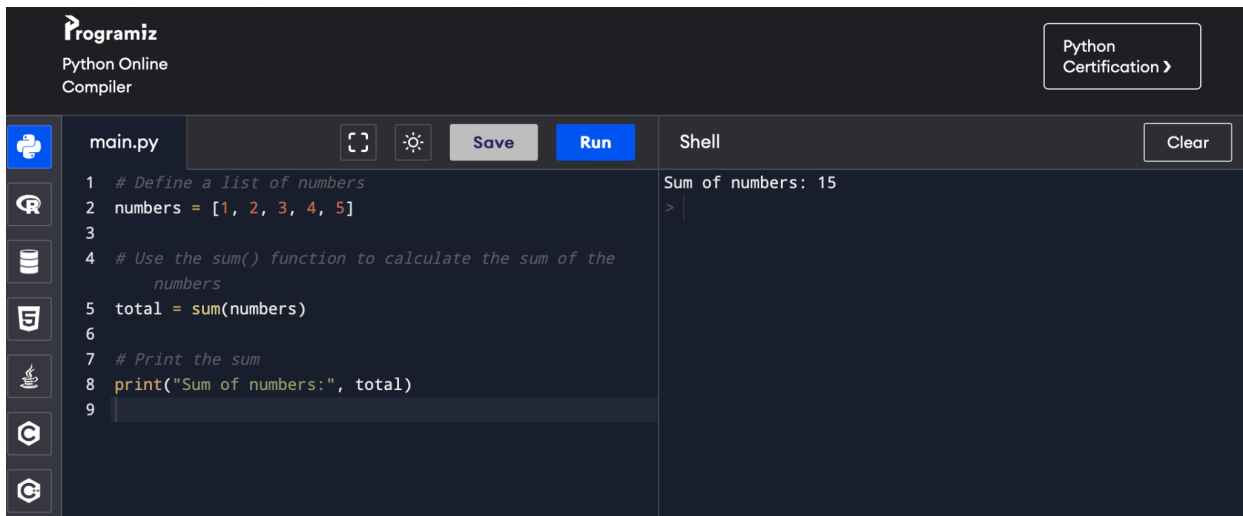
```
# Print the sum
```

```
print("Sum of numbers:", total)
```

#### OUTPUT:

Sum of numbers: 15

In this approach we use the built-in sum() function to calculate the sum of all the numbers in the list directly.



The screenshot shows the Programiz Python Online Compiler interface. The top bar includes the Programiz logo, 'Python Online Compiler', and a 'Python Certification' button. The main area is divided into a code editor and a shell. The code editor contains the following Python code:

```
1 # Define a list of numbers
2 numbers = [1, 2, 3, 4, 5]
3
4 # Use the sum() function to calculate the sum of the
  numbers
5 total = sum(numbers)
6
7 # Print the sum
8 print("Sum of numbers:", total)
9
```

The shell displays the output: 'Sum of numbers: 15'.

github or google d

refresh

run

stop

login

load

save

```
1 # Define a list of numbers
2 numbers = [1, 2, 3, 4, 5]
3
4 # Use the sum() function to calculate the sum of the numbers
5 total = sum(numbers)
6
7 # Print the sum
8 print("Sum of numbers:", total)
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```

Sum of numbers: 15