

4) Write a Python Program to multiply all the numbers in a list.

Ans. You can write a Python program to multiply all the numbers in a list using a loop. Here's how it's done:

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

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

```
# Initialize a variable to store the product
```

```
product = 1
```

```
# Iterate over each number in the list and multiply it with the product
```

```
for num in numbers:
```

```
    product *= num
```

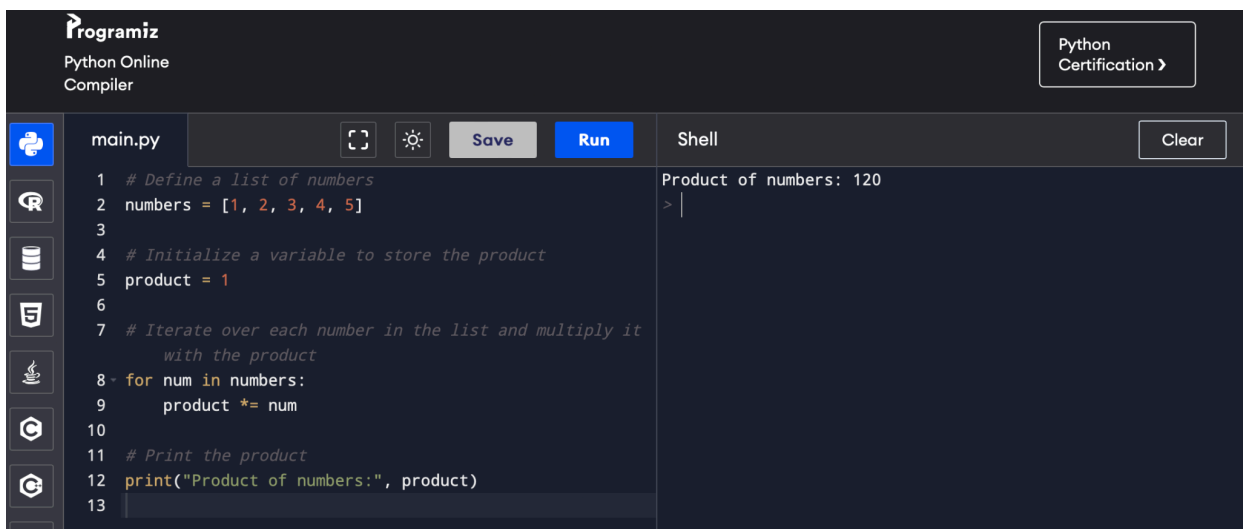
```
# Print the product
```

```
print("Product of numbers:", product)
```

OUTPUT:

Product of numbers: 120

In this approach, we use a loop to iterate over each number in the list and multiply it with the product variable.



The screenshot shows the Programiz Python Online Compiler interface. The editor contains the following code:

```
1 # Define a list of numbers
2 numbers = [1, 2, 3, 4, 5]
3
4 # Initialize a variable to store the product
5 product = 1
6
7 # Iterate over each number in the list and multiply it
  with the product
8 for num in numbers:
9     product *= num
10
11 # Print the product
12 print("Product of numbers:", product)
13
```

The output in the Shell window is:

```
Product of numbers: 120
> |
```

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 # Initialize a variable to store the product
5 product = 1
6
7 # Iterate over each number in the list and multiply it with the product
8 for num in numbers:
9     product *= num
10
11 # Print the product
12 print("Product of numbers:", product)
13
```

Product of numbers: 120

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Runpython uses [Brython-Server 2.3.3](#) and [Brython 3.11.2](#). :: [Runpython Console](#)