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
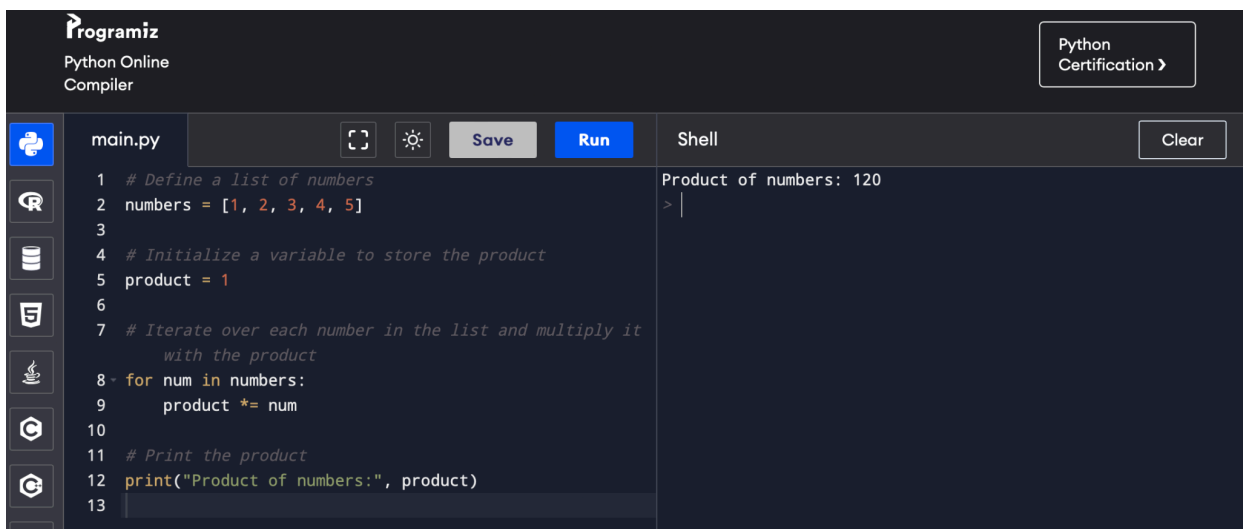for num in numbers:
    product *= num

\# 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.


```
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
```

Shell output:
```
Product of numbers: 120
>
```

```
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