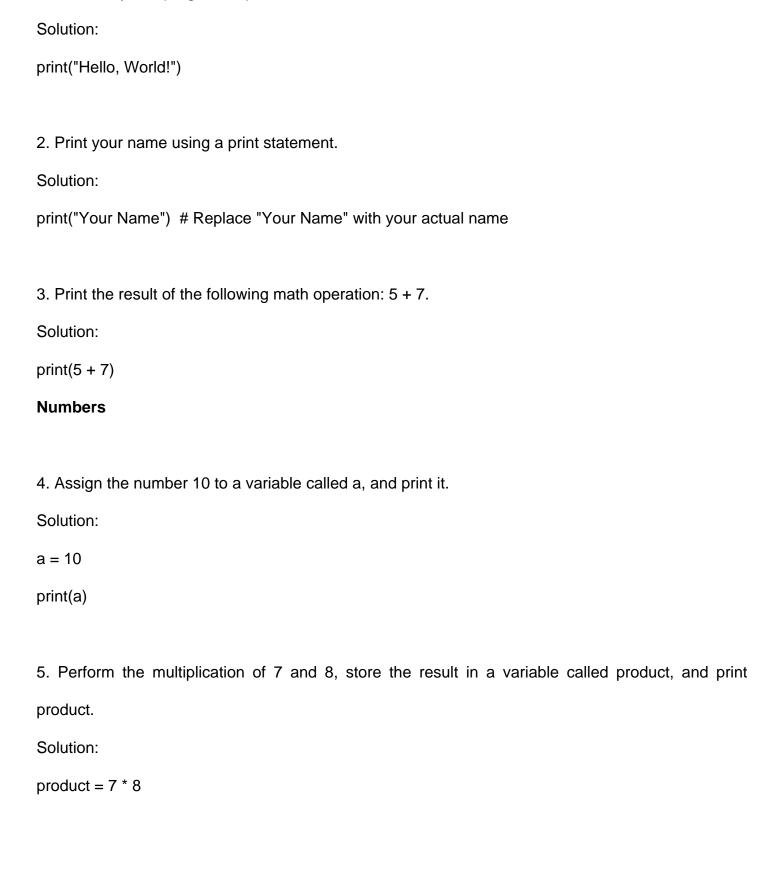
Print Statements

1. Write a Python program to print "Hello, World!".



6. Write a Python program to calculate the area of a rectangle with length 5 and width 3, and print
the result.
Solution:
length = 5
width = 3
area = length * width
print(area)
Strings
7. Assign the string "Python" to a variable called language and print it.
Solution:
language = "Python"
print(language)
8. Concatenate two strings "Hello" and "World" with a space in between, and print the result.
Solution:
greeting = "Hello" + " " + "World"
print(greeting)
9. Write a Python program to print the length of the string "OpenAI".
Solution:
string = "OpenAI"
print(len(string))
Lists

print(product)

10. Create a list with the numbers 1, 2, 3, 4, 5, and print the list.
Solution:
numbers = [1, 2, 3, 4, 5]
print(numbers)
11. Access and print the third element in the list [10, 20, 30, 40, 50].
Solution:
numbers = [10, 20, 30, 40, 50]
print(numbers[2]) # Indexing starts at 0, so 2 refers to the third element
12. Add the number 6 to the list [1, 2, 3, 4, 5], and print the updated list.
Solution:
numbers = [1, 2, 3, 4, 5]
numbers.append(6)
print(numbers)
13. Remove the number 3 from the list [1, 2, 3, 4, 5], and print the updated list.
Solution:
numbers = [1, 2, 3, 4, 5]
numbers.remove(3)
print(numbers)
14. Write a Python program to find and print the sum of all numbers in the list [4, 8, 15, 16, 23, 42].
Solution:
numbers = [4, 8, 15, 16, 23, 42]

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total = sum(numbers)

print(total)

15. Create a list with any 3 string elements of your choice and print the list.

Solution:

my_list = ["apple", "banana", "cherry"]
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print(my_list)