Fill in the Blanks

Prolific ID

Question:

Write a Python Program to print: **Hello, Python World!**

Answer:

_____("Hello, Python World!")

Question:

Write a Python program that takes *three floating-point* numbers as input and prints the *average* of those three numbers as output.

Answer:

a = _____(_____("Enter first number: "))

b = _____(_____("Enter second number: "))

c = _____(_____("Enter third number: "))

average = (a + b + c) / 3

print("Average:", average)

Question:

Write a Python program to store the value "**Python is fun**" in a variable named *message* and print the result of the *message*.

Answer:

_____ = "Python is fun"

print(_____)

Question:

Write a Python program that calculates the *sum* and *product* of two numbers, 12 and 4. Then, print both the *sum* and *product* of 12 and 4.

Answer:

sum = _____ + _____

product = _____ * _____

print("Sum:", sum)

print("Product:", product)

Question:

Write a Python program that takes a *string* as input for the name of the user (like *Alice*) and then prints a greeting message:

Hello Alice!

Answer:

name = _____("Enter your name: ")

print("Hello", name + "!")

Question:

Write a Python program that takes *two integer* numbers as input from the user and prints the *sum* of those numbers.

Answer:

num1 = _____(_____("Enter first number: "))

num2 = _____(_____("Enter second number: "))

print("Sum:", num1 + num2)

Question:

Write a Python program that takes a *floating-point* number as input for the variable *radius* and calculates the *area* of a circle given its radius. Finally, print the *area* of the circle. (use *pi = 3.1416* and the formula *area = pi * radius * radius*).

Answer:

pi = 3.1416

radius = _____(_____("Enter radius: "))

area = pi * (_____ * _____)

print("Area of the circle:", area)

Question:

Write a Python program that takes an *integer* number as input from the user and prints the *square* of that number. (use the formula *square = number * number*)

Answer:

number = _____(_____("Enter a number: "))

square = number * number

print(“Square of the number is ”, _____)

Question:

Write a Python program that takes *distance* in *miles* as a *floating-point* input and then converts the *distance* to *kilometers* and prints the result of the *distance* in *kilometers*. (Use the formula: *kilometers = miles * 1.60934*)

Answer:

miles = _____(_____("Enter distance in miles: "))

kilometers = miles * 1.60934

print("Distance in kilometers:", _____)

Question:

Write a Python program that takes *two floating-point* numbers for the *base* and *height* of a *triangle* as input and calculates and prints its *area* using the formula: *area = (base * height) / 2*

Answer:

_____ = float(input("Enter base: "))

height = float(input("Enter height: "))

_____ = (base * _____) / 2

print("Area:", area)

Question:

Write a Python Program to print the string type variable text, which contains: **Hello, Python World!**

Answer:

text = "Hello, Python World!"

_____(_____)

Question:

Write a Python program that takes *three floating-point* numbers as input and prints the *average* of those three numbers as output.

Answer:

a = float(input("Enter first number: "))

b = float(input ("Enter second number: "))

c = float(input ("Enter third number: "))

average = (_____ + _____ +_____) / _____

print("Average:", _____)

Question:

Write a Python program to store the value "**Python is fun**" in a variable named *message* and print the result of the *message*.

Answer:

_____ = "Python is fun"

_____(text)

Question:

Write a Python program that calculates the *sum* and *product* of two numbers, 12 and 4. Then, print both the *sum* and *product* of 12 and 4.

Answer:

sum = 12 + 4

product = 12 * 4

print("Sum:", _____)

print("Product:", _____)

Question:

Write a Python program that takes a *string* as input for the name of the user (like *Alice*) and then prints a greeting message:

Hello Alice!

Answer:

name = input("Enter your name: ")

print("Hello", _____ + "!")

Question:

Write a Python program that takes *two integer* numbers as input from the user and prints the *sum* of those numbers.

Answer:

num1 = int(input("Enter first number: "))

num2 = int(input("Enter second number: "))

print("Sum:",_____ + _____)

Question:

Write a Python program that takes a *floating-point* number as input for the variable *radius* and calculates the *area* of a circle given its radius. Finally, print the *area* of the circle. (use *pi = 3.1416* and the formula *area = pi * radius * radius*).

Answer:

pi = 3.1416

radius = float(input("Enter radius: "))

area = _____ * (_____ * radius)

print("Area of the circle:", _____)

Question:

Write a Python program that takes an *integer* number as input from the user and prints the *square* of that number. (use the formula *square = number * number*)

Answer:

number = int(input ("Enter a number: "))

square = _____ * _____

print("Square of the number is " + square)

Question:

Write a Python program that takes *distance* in *miles* as a *floating-point* input and then converts the *distance* to *kilometers* and prints the result of the *distance* in *kilometers*. (Use the formula: *kilometers = miles * 1.60934*)

Answer:

miles = float(input("Enter distance in miles: "))

_____ = _____ * 1.60934

print("Distance in kilometers:", kilometers)

Question:

Write a Python program that takes *two floating-point* numbers for the *base* and *height* of a *triangle* as input and calculates and prints its *area* using the formula: *area = (base * height) / 2*

Answer:

base = float(input("Enter base: "))

height = float(input("Enter height: "))

area = (_____ * height) / 2

print("Area:", _____)
