Assisted Problems

1. Welcome to Bridgelabz!

Write a program that prints "**Welcome to Bridgelabz**!" to the screen.

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2. Add Two Numbers

Write a program that takes two numbers as input from the user and prints their sum.

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3. Celsius to Fahrenheit Conversion

Write a program that takes the temperature in Celsius as input and converts it to Fahrenheit using the formula:
`Fahrenheit = (Celsius * 9/5) + 32`.

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4. Area of a Circle

Write a program to calculate the area of a circle. Take the radius as input and use the formula:
`Area = π * radius^2`.

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5. Volume of a Cylinder

Write a program to calculate the volume of a cylinder. Take the radius and height as inputs and use the formula:
`Volume = π * radius^2 * height`.

Self Problems

1. Calculate Simple Interest

Write a program to calculate simple interest using the formula:
`Simple Interest = (Principal * Rate * Time) / 100`.
Take Principal, Rate, and Time as inputs from the user.

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2. Perimeter of a Rectangle

Write a program to calculate the perimeter of a rectangle. Take the length and width as inputs and use the formula:
`Perimeter = 2 * (length + width)`.

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3. Power Calculation

Write a program that takes two numbers as input: a base and an exponent, and prints the result of base raised to the exponent (without using loops or conditionals).

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4. Calculate Average of Three Numbers

Write a program that takes three numbers as input from the user and prints their average.

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5. Convert Kilometers to Miles

Write a program that takes the distance in kilometers as input from the user and converts it into miles using the formula:
`Miles = Kilometers * 0.621371`.