```
# Get input from the user
length = float(input("Enter the length of the rectangle: "))
width = float(input("Enter the width of the rectangle: "))

# Calculate the area
area = length * width

# Print the result
print("The area of the rectangle is:", area)
```

```
import math

# Get input from the user
radius = float(input("Enter the radius of the circle: "))

# Calculate the circumference
circumference = 2 * math.pi * radius

# Print the result
print("The circumference of the circle is:", circumference)
```

```
# Get input from the user
principal = float(input("Enter the principal amount: "))
rate = float(input("Enter the interest rate (as a decimal): "))
time = float(input("Enter the time period (in years): "))

# Calculate the simple interest
simple_interest = principal * rate * time

# Print the result
print("The simple interest is:", simple_interest)
```

```
# Get input from the user
distance = float(input("Enter the distance traveled (in meters): "))
time = float(input("Enter the time taken (in seconds): "))

# Calculate the speed
speed = distance / time

# Print the result
print("The speed of the object is:", speed, "meters per second")
```

```
# Get input from the user
weight = float(input("Enter your weight in kilograms: "))
height = float(input("Enter your height in meters: "))

# Calculate the BMI
bmi = weight / (height ** 2)

# Print the result
print("Your BMI is:", bmi)
```

```
# Get input from the user
mass = float(input("Enter the mass of the object (in kilograms): "))
acceleration = float(input("Enter the acceleration (in meters/second^2): "))

# Calculate the force
force = mass * acceleration

# Print the result
print("The force on the object is:", force, "Newtons")
```

```
# Get input from the user
principal = float(input("Enter the principal amount: "))
rate = float(input("Enter the annual interest rate (as a decimal): "))
n = int(input("Enter the number of times interest is compounded per year: "))
time = float(input("Enter the time period (in years): "))

# Calculate the compound interest
amount = principal * (1 + (rate / n)) ** (n * time)

# Print the result
print("The total amount is:", amount)
```

```
# Get input from the user
a = float(input("Enter the length of side a: "))
```

```
b = float(input("Enter the length of side b: "))
c = float(input("Enter the length of side c: "))

# Calculate the perimeter
perimeter = a + b + c

# Print the result
print("The perimeter of the triangle is:", perimeter)
```

```
import math

# Get input from the user
radius = float(input("Enter the radius of the sphere: "))

# Calculate the volume
volume = (4/3) * math.pi * (radius ** 3)

# Print the result
print("The volume of the sphere is:", volume)
```

```
# Get input from the user
mass = float(input("Enter the mass of the object (in kilograms): "))
velocity = float(input("Enter the velocity of the object (in meters/second): "))

# Calculate the kinetic energy
kinetic_energy = 0.5 * mass * (velocity ** 2)

# Print the result
print("The kinetic energy of the object is:", kinetic_energy, "Joules")
```

Start coding or generate with AI.