

SWAPPING TWO NUMBERS

```
name = input("Enter your name: ")
print(f"Hello, {name}!")
X = input("Enter the first value: ")
Y = input("Enter the second value: ")
print(f"Original values: Value1 = {x}, Value2 = {Y}")
X,Y=Y,X
print(f"Swapped values: Value1 = {X }, Value2 = {Y}")
```

AREA OF CIRCLE

```
radius = float(input("Enter the radius of the circle: "))
pi = 3.14
area = pi * (radius ** 2)
print(f"The area of the circle with radius {radius} is: {area}")
```

USERS AGE

```
birth_year = int(input("Enter your birth year: "))
from datetime import datetime
current_year = datetime.now().year
age = current_year - birth_year
print(f"You are {age} years old.")
```

PERSONALIZED MESSAGE FROM BAKERY

```
name = input("Enter your name: ")
favorite_cake = input("Enter your favorite cake flavor: ")
print(f"Hello, {name}! We're delighted to serve you your favorite {favorite_cake} cake on your birthday. Happy Birthday!")
```

SIMPLE INTEREST

```
principal = float(input("Enter the principal amount: "))
rate = float(input("Enter the rate of interest: "))
```

```
time = float(input("Enter the time (in years): "))  
simple_interest = (principal * rate * time) / 100  
print(f"The simple interest is: {simple_interest}")
```