In [ ]:
```
#%% Write a Python program that takes user input for their name and greets the user
name=input("Enter your name:")
print(f"welcome to the club , {name}")
value1=int(input("Print the first value:"))
value2=int(input("Print the second value:"))
print(f"The original value1 is:{value1}")
print(f"The original value2 is:{value2}")
#after swapping
value1,value2=value2,value1
print(f"The swapped value1 is:{value1}")
print(f"The swapped value2 is:{value2}")
```

```
welcome to the club , Nirali
The original value1 is:78
The original value2 is:12
The swapped value1 is:12
The swapped value2 is:78
```

In [ ]:
```
# %% Write a Python program that asks the user to input the radius of a circle. Cal
circumference = float(input("The circumference of a circle is:"))
pi = 3.14
radius = circumference/(2*pi)
print(radius)
#area of a circe = pi*r^2
area = pi*radius**2
print(area)
```

```
1.910828025477707
11.464968152866243
```

In [ ]:
```
# %% Write a Python program where the user is prompted to input their birth year. T
birth_year = int(input("Enter your birth year :"))
print(f"Your age is {2024-birth_year}")
```

```
Your age is -98
```

In [ ]:
```
# %% Write a Python program where customers are prompted to input their name and fa
name = input("Enter your name:")
fav_cake = input("Enter your fav cake flavor:")
print(f"Hello, {name}! We're delighted to serve you your favorite {fav_cake} cake o
```

```
Hello, Ashwin! We're delighted to serve you your favorite Honey cake on your birthda
y. Happy Birthday.
```

In [ ]:
```
# %% Write a Python program to calculate the simple interest with user input for pr
principal = float(input("Enter principal value:"))
rate = float(input("Enter Rate of interest:"))
time = int(input("Enter time:"))
si = (principal*rate*time)/100
print(si)
```

```
22.007999999999996
```

In [ ]:
```

```