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```python
def add_numbers(a, b):
    return a + b
print("Sum:", add_numbers(10, 20))
```

```
Sum: 30
```

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```python
def factorial(n):
    if n == 0 or n == 1:
        return 1
    else:
        return n * factorial(n - 1)
print("Factorial:", factorial(5))
```

```
Factorial: 120
```

```python
def check_even_odd(n):
    if n % 2 == 0:
        return "Even"
    else:
        return "Odd"
print("The number is", check_even_odd(7))
```

```
The number is Odd
```

```python
def power(base, exponent):
    return base ** exponent
print("Power:", power(2, 3))
```

```
Power: 8
```

```python
def swap(a,b):
    return b,a
x,y=swap(5,10)
print("After swapping:x=",x,"y=",y)
```

```
After swapping:x= 10 y= 5
```

```python
text="Hello, #Python"
print(len(text))
```

```
14
```

Share Help

```
1 text="hello"
2 print(text.upper())
```

```
HELLO
```

```python
text="#Python Program"
print(text.lower())
```

```
#python program
```

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```python
text="hello #Python Program"
print(text.title())
```

```
Hello #Python Program
```

```python
text="hello #Python Program"
print(text.capitalize())
```

```
Hello #python program
```

```python
text ="   #Python Program   "
print(text.strip())
```

```
#Python Program
```

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```
text = "   Hello"
print(text.lstrip())
```

```
Hello
```

```python
text = "    #Python Program    "
print(text.rstrip())
```

```
#Python Program
```

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```python
text = "Hello,world!"
print(text.replace("world"," #Python Program"))
```

```
Hello, #Python Program!
```

```python
text="apple,banana,orange"
print(text.split(","))
```

```
['apple', 'banana', 'orange']
```

```python
words=["Hello"," #Python Program"]
print(" ".join(words))
```

```
Hello  #Python Program
```

```python
text="programming"
print(text.find("gram"))
```

3

```python
text="banana banana"
print(text.count("banana"))
```

```
2
```

```python
text="Hello,#Python Program!"
print(text.startswith("Hello"))
```

```
True
```

```python
text="is fun!"
print(text.endswith("fun!"))
```

```
True
```

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```python
text="Hello"
print(text.isalpha())
```

```
True
```

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```python
num="12345"
print(num.isdigit())
```

```
True
```

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```
text="Hello123"
print(text.isalnum())
```

```
True
```

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```
text="Hello #Python Program"
print(text.swapcase())
```

```
hELLO #pYTHON pROGRAM
```

```python
text="42"
print(text.zfill(5))
```

```
00042
```