jupyter Untitled8 Last Checkpoint: 21 seconds ago

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Code

In this we are Calculating the Factorial of a number

[ ]:
```
def factorial(n):
    if n == 0 or n == 1:
        return 1
    else:
        return n * factorial(n-1)
```

Explanation of the Factorial Function

The factorial of a non-negative integer n is the product

for 0!=1

1!=1

n!=n(n-1)

recursive approach:

In this notebook, the function factorial(n) uses recursio
if n is 0 or 1 → return 1
Otherwise → return n × factorial(n-1)

[3]:
```
factorial(5)
```

[3]:
```
120
```