

```
In [1]: # To find factorial of N
def factorial(N) :
    error_msg = "Please input a positive integer"
    if N >= 0 and isinstance(N,int): # Checking whether N is natural number
        product = 1
        for i in range(1,N+1):
            product*=i
        return product
    else:
        return error_msg
```

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In [2]: factorial(12)
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Out[2]: 479001600
```

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In [3]: factorial(34)
```

```
Out[3]: 295232799039604140847618609643520000000
```

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In [4]: factorial(-23.4)
```

```
Out[4]: 'Please input a positive integer'
```