

← 1dd89d9d-38fc-42d6-ada9-5af85...

```
#implement a recursive function to calculate the factorial of a given number
```

```
def fact_rec(n):
```

```
    if n==0 or n==1:
```

```
        return 1
```

```
    else:
```

```
        return n*fact_rec(n-1)
```

```
number=int(input("Enter a value:"))
```

```
res=fact_rec(number)
```

```
print("The factorial of {} is {}.format(number,res))
```