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#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))
```