

#Implement a recursive function to calculate the factorial of a given number.

```
def fact_rect(n):
    if n == 0 or n == 1:
        return 1
    else:
        return n * fact_rect(n - 1)

number = int(input("Enter a number:"))
res = fact_rect(number)
print("The factorial of {} is {}".format(number, res))
```