

#1.1mplement a recursive function to calculate the factorial of the 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 number:"))  
res = fact_rec(number)  
print("the factorial of{} is {}".format(number, res))
```