

#1.1 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))
```