



```
[] ×
                                                                  ∝ Share
                                                                                         Output
main.py
                                                                               Run
1 def stairs(n):
                                                                                       8
       if n <= 0:
           return 0
                                                                                       === Code Execution Successful ===
       elif n == 1:
           return 1
       else:
           return stairs(n - 1) + stairs(n - 2)
   sum=1
9 for i in range(5):
       sum+=stairs(i)
10
11 print(sum)
```

```
Output
                                                                     ∝ Share
main.py
                                                                                  Run
1 def fact(a):
                                                                                          28
      if a==1:
                                                                                          === Code Execution Successful ===
3
          return a
      else:
4 -
          return a*fact(a-1)
6 def paths(m,n):
      return fact((m+n)-2)//(fact(m-1)*fact(n-1))
8 print(paths(7,3))
```





