Assignment

**Name: Tharan  
Register Number: 23215134**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

## QUESTION 1

factorial of 6

### Code Solution

def factorial(n):  
 if n == 0:  
 return 1  
 else:  
 return n \* factorial(n - 1)  
  
result = factorial(6)

### FINAL Output

