**Create a Python program that calculates the factorial of a given number.**

def factorial(num):

if num == 0 or num == 1:

return 1

else:

return num \* factorial(num - 1)

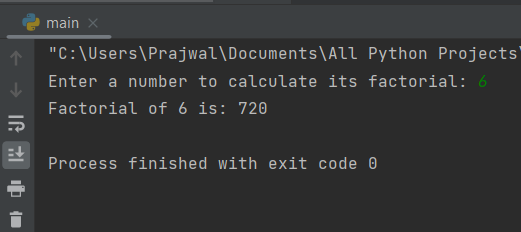
# Get user input for the number

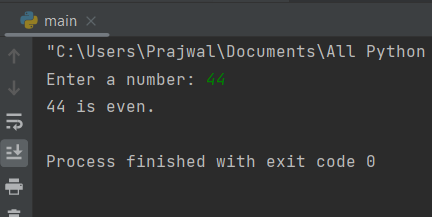
num = int(input("Enter a number to calculate its factorial: "))

# Call the function and print the result

result = factorial(num)

print("Factorial of", num, "is:", result)

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