Problem 2:

Write a program to find the factorial of a number using recursion.

Input:

```
1  def factorial(n):
2      if n == 0 or n == 1:
3          return 1
4      return n * factorial(n - 1)
5
6  num = 5
7  print(f"Factorial of {num} is {factorial(num)}")
```

Output:

```
Factorial of 5 is 120
```