## Code:2

```
def factorial(n):
  if n == 0 or n == 1:
    return 1
  else:
    return n * factorial(n-1)
def compute_factorials(numbers):
  return [factorial(num) for num in numbers]
def main():
  try:
    # Input: List of numbers for which factorial needs to be computed
    input_numbers = [int(x) for x in input("Enter comma-separated numbers: ").split(',')]
    # Computing factorials
    factorials = compute_factorials(input_numbers)
    # Output: Printing the results in a comma-separated sequence
    print("Factorials:", ', '.join(map(str, factorials)))
  except ValueError:
    print("Invalid input. Please enter valid integers separated by commas.")
if __name__ == "__main__":
  main()
output:
```

