def get\_demand\_forecast\_input():

product\_id = input("Enter Product ID: ")

forecast\_date = input("Enter Forecast Date (YYYY-MM-DD): ")

print(f"\nReceived Demand Forecasting Input:")

print(f" Product ID: {product\_id}")

print(f" Forecast Date: {forecast\_date}")

return {"product\_id": product\_id, "forecast\_date": forecast\_date}

def get\_visibility\_platform\_input():

tracking\_id = input("Enter Tracking ID: ")

print(f"\nReceived Visibility Platform Input:")

print(f" Tracking ID: {tracking\_id}")

return {"tracking\_id": tracking\_id}

def get\_logistics\_optimization\_input():

departure = input("Enter Departure Location: ")

arrival = input("Enter Arrival Location: ")

print(f"\nReceived Logistics Optimization Input:")

print(f" Departure Location: {departure}")

print(f" Arrival Location: {arrival}")

return {"departure": departure, "arrival": arrival}

def get\_risk\_management\_input():

risk\_factors = ["supplier", "logistics", "demand"]

print("Available Risk Factors:")

for i, factor in enumerate(risk\_factors):

print(f"{i+1}. {factor}")

while True:

try:

choice = int(input("Select Risk Factor (enter the number): "))

if 1 <= choice <= len(risk\_factors):

risk\_factor = risk\_factors[choice - 1]

break

else:

print("Invalid choice. Please enter a number from the list.")

except ValueError:

print("Invalid input. Please enter a number.")

print(f"\nReceived Risk Management Input:")

print(f" Risk Factor: {risk\_factor}")

return {"risk\_factor": risk\_factor}

if \_\_name\_\_ == "\_\_main\_\_":

while True:

print("\nSCM Management Interface (Console)")

print("1. Demand Forecasting")

print("2. Visibility Platform")

print("3. Logistics Optimization")

print("4. Risk Management")

print("5. Exit")

choice = input("Enter your choice: ")

if choice == '1':

get\_demand\_forecast\_input()

elif choice == '2':

get\_visibility\_platform\_input()

elif choice == '3':

get\_logistics\_optimization\_input()

elif choice == '4':

get\_risk\_management\_input()

elif choice == '5':

print("Exiting.")

break

else:

print("Invalid choice. Please try again.")