def main():

    try:

        # Prompt user for the original price

        price = float(input("Enter the original price of the item: "))

        if price < 0:

            print("Price cannot be negative.")

            return

        # Prompt user for the discount percentage

        discount\_percent = float(input("Enter the discount percentage: "))

        if discount\_percent < 0:

            print("Discount percentage cannot be negative.")

            return

        # Calculate the final price

        final\_price = calculate\_discount(price, discount\_percent)

        # Display the result

        if discount\_percent >= 20:

            print(f"After applying a {discount\_percent}% discount, the final price is: ${final\_price:.2f}")

        else:

            print(f"No discount applied. The price remains: ${final\_price:.2f}")

    except ValueError:

        print("Invalid input. Please enter numeric values for price and discount percentage.")

# Execute the main function

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

    main()