1. **Create a function named **calculate\_discount(price, discount\_percent)** that calculates the final price after applying a discount. The function should take the original price **(price)** and the discount percentage **(discount\_percent)** as parameters. If the discount is **20%** or higher, apply the discount; otherwise, return the original price.**

def calculate\_discount(price, discount\_percent):

if discount\_percent >= 20:

discount\_amount = (discount\_percent / 100) \* price

final\_price = price - discount\_amount

return final\_price

else:

return price

**2. Using the **calculate\_discount** function, prompt the user to enter the original price of an item and the discount percentage. Print the final price after applying the discount, or if no discount was applied, print the original price.**

def calculate\_discount(price, discount\_percent):

if discount\_percent >= 20:

return price - (price \* discount\_percent / 100)

else:

return price

# Ask the user for the price and discount

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

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

# Calculate the final price

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

# Print the result

if final\_price < price:

print(f"The final price after discount is: ${final\_price:.2f}")

else:

print(f"No discount applied. The original price is: ${price:.2f}")