class ProductPriceCalculator:

def \_init\_(self, base\_price, discount\_percentage=0, tax\_percentage=0):

self.base\_price = base\_price

self.discount\_percentage = discount\_percentage

self.tax\_percentage = tax\_percentage

def calculate\_final\_price(self):

if self.base\_price < 0 or self.discount\_percentage < 0 or self.tax\_percentage < 0:

raise ValueError("Invalid amount: Values cannot be negative.")

else:

discount\_amount = (self.discount\_percentage / 100) \* self.base\_price

tax\_amount = (self.tax\_percentage / 100) \* self.base\_price

total\_price = (self.base\_price + tax\_amount) - discount\_amount

return total\_price

try:

base\_price = float(input("Enter the base price of the product: "))

tax\_percentage = float(input("Enter the tax percentage: "))

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

product\_calculator = ProductPriceCalculator(base\_price, discount\_percentage, tax\_percentage)

final\_price = product\_calculator.calculate\_final\_price()

print(f"The final price of the product is: {final\_price}")

except ValueError as e:

print(e)