```
class Product:
    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:
            raise ValueError("Base price cannot
be negative.")
        if self.discount_percentage < 0:
            raise ValueError("Discount
percentage cannot be negative.")
        if self.tax_percentage < 0:
            raise ValueError("Tax percentage
cannot be negative.")
        discount_amount =
(self.discount_percentage / 100) *
self.base_price
```

```
        price_after_discount =
self.base_price - discount_amount
        tax_amount = (self.tax_percentage /
100) * price_after_discount
        final_price = price_after_discount +
tax_amount
        return round(final_price, 2)
try:
    product = Product(base_price=100,
discount_percentage=10,
tax_percentage=5)
    final_price =
product.calculate_final_price()
    print(f"The final price of the product is:
${final_price}")
except ValueError as e:
    print(e)
```