

A local retail store sells three types of products - shirts, pants, and shoes. The prices for each type of product are as follows:

Shirts: \$25000 each

Pants: \$35000 each

Shoes: \$10000 each

During a sale event, the store offers discounts on each type of product as follows:

Shirts: 20% discount

Pants: 15% discount

Shoes: 10% discount

One day, Sarah came to the retail store and bought 4 shirts, 5 pants, and 2 shoes, she paid with \$300000 cash. The store has a policy to add a 7.5% tax to the total cost of the products and the smallest denomination in the cashier machine is \$1000. So, the remainder money of change was donated to build a school in the neighbourhood.

The receipt is shown below:

Total Price: \$246750.0

Change: \$34743.75

Donation: \$743.75

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Name Of Customer: Sarah

ORDERS

Number of items: 11

Shirts		4		80000.0
Pants		5		148750.0
Shoes		2		18000.0

Total Before Tax: \$246750.0

Tax: 7.5%

Total After Tax: \$265256.25

Amount Paid: \$300000.0

Change: \$34743.75

Donation Amount: \$743.75

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Can you help Sarah calculate the total cost of her purchase including the value added tax, change she received, and donation amount she paid using a program that looks like a cashier's receipt?

**Submission through <https://codeboard.io/projects/374537>**

Deadline 13 February 2023, 21.00 WIB.