

There is a shipping service. They help Vietnamese buy products on amazon website.

Write code to calculate gross price of an order (An order contain many products)

product_price = amazon_price + shipping_fee

shipping_fee = max (fee_by_weight, fee_by_dimensions, ...)

fee_by_weight = product_weight x weight_coefficient

fee_by_dimension = width x height x depth x dimension_coefficient

example coefficients:

weight_coefficient: \$11/kg

dimension_coefficient: \$11/m3

Expectations:

- write strong OOP code
- coefficients are configurable
- *shipping_fee* are flexible
 - We can add new shipping fee type: *fee_by_product_type*
 - *shipping_fee = max (fee_by_weight, fee_by_dimensions, fee_by_product_type, ...)*
 - For example: shipping_fee of a smartphone (300g) must be less than ship a diamond ring (10g)