





Result<R, E>
- result: R - error: E
// only getters

ErrorMsg
- message
// only getters

Product
- barcode: int - name: String - quantity: int - price: float - expiryDate: Date
// only getters

Orderable
- name: String - price: Float - shelfLife: Integer
// only getters

Coupon
- code: String - percentOff: float
// getters and constructor applyCoupon(price): float

FilterProduct
-type: String -rangeStart: Object -rangeEnd: Object
+filterProductFactory(type: String, rangeStart: Object, rangeEnd: Object):: filterProduct // only getters, private constructor





