

LU04.S02 - Examples for library-functions

The screenshot shows the Zalando website interface. At the top, there is a navigation bar with 'Hilfe & Kontakt' on the left and '30 Tage Rückgaberecht' on the right. Below this, there are tabs for 'Damen', 'Herren', and 'Kinder', and the Zalando logo. A search bar is located on the right side. The main content area displays a shopping cart with three items:

- Item 1:** Tommy Hilfiger MAXWELL - Sneaker low - midnight. Price: CHF 126.00 (discounted from CHF 140.00, 10% off).
- Item 2:** Denim Project 3 PACK - T-Shirt basic - black/white/grey. Price: CHF 38.00.
- Item 3:** G-STAR ROVIC ZIP TAPERED - Cargohose - steel grey. Price: CHF 105.00 (discounted from CHF 140.00, 25% off).

On the right side, a checkout summary is shown:

- Zwischensumme: CHF 269.00
- Versand: CHF 0.00
- Gesamtsumme inkl. MwSt.: CHF 269.00

Numbered annotations (1-8) point to various elements: 1. 'Gratis Standardversand & Rückversand ab CHF 34.90*', 2. User account icon, 3. 'Warenkorb (3 Artikel)', 4. 'Versand' in the summary, 5. 'Do., 27.02. - Fr., 28.02.', 6. 'Gesamtsumme inkl. MwSt.', 7. 'CHF 126.00', 8. 'Ursprünglich: CHF 140.00 Du sparst 25%'.

1. **freeShipmentAmount = calcFreeShipment(country)**: Calculates the free shipment amount regarding the country
2. **shoppingCartItems = sumShoppingItems(customerNo, sessionNo)**: Only the figure is relevant
3. **shoppingCartItems = sumShoppingItems(customerNo, sessionNo)**: differently presented (format)
4. **currentShipmentCost = calcShipmentCost(CustomerNo, sessionNo, freeShipmentAmount)**: Only relevant under the free-shipment limit
5. **shippingDate = calcShippingDate(currentDate, availabilityTime)**: regarding Swiss date format
6. **shoppingCartSum = sumShoopingPrices(customerNo, sessionNo)**: Sum of the current shopping cart value, regarding the Swiss VAT
7. **currentPrice = calcActualPrice(price, discount)**: If discount > 0, textcolour is red
8. **priceDiscount = calcDiscount(originalPrice, currentPrice)**: Calculates the discount as



Volkan Demir

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