

# 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 category 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

Red circles and numbers 1-8 highlight specific elements in the screenshot:

1. 'Gratis Standardversand & Rückversand ab CHF 34.90\*' (Shipping information)
2. Shopping cart icon with a red circle and number 2.
3. 'Warenkorb (3 Artikel)' (Shopping cart title)
4. 'Versand' (Shipping cost)
5. 'Do., 27.02. - Fr., 28.02.' (Shipping date)
6. 'Gesamtsumme inkl. MwSt.' (Total sum including VAT)
7. 'CHF 126.00' (Current price of the first item)
8. 'Ursprünglich: CHF 140.00 Du sparst 25%' (Original price and discount of the third item)

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 = (currentDate)` -> 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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