## *Shoppinglist*

Create a simple **shopping list** using **Angular**.

- A few products are available already when launching the app.
- Additional products can be added at any time.
- From this list of products, one can be selected (including the amount) and added to the shoppinglist.
- The user should be able to enter a budget. According to the total sum of products in the shoppinglist, the total sum shall be colored accordingly (see screenshot below).
- Products from the shoppinglist can be removed as well.

**Screenshots**

**Launching the app**

**Klicking the "Produkt hinzufügen" button**



- Make sure to enable the "Produkt hinzufügen" button only if both fields contain valid entries.

**"Kipferl" added**

**Add product to shoppinglist**

## Budget (in EUR)

0

## Verfügbare Produkte  Einkaufsliste

| Name | Preis | | Name | Menge | | Gesamtpreis | Aktion |
|------|-------|--|------|-------|--|-------------|--------|
| Brot | 1,20 € | | | **Gesamtpreis:** | | **0,00 €** | |
| Milch | 0,90 € | | Milch | 2 | | Hinzufügen | |
| Zucker | 1,50 € | | | | | | |
| Kipferl | 0,50 € | | | | | | |

Produkt hinzufügen

- Make sure to enable the "Hinzufügen" button only if a valid amount is selected (> 0).

**Product added to shoppinglist**

## Budget (in EUR)

0

## Verfügbare Produkte  Einkaufsliste

| Name | Preis | | Name | Menge | | Gesamtpreis | Aktion |
|------|-------|--|------|-------|--|-------------|--------|
| Brot | 1,20 € | | Milch | 2 | | 1,80 € | 🗑 |
| Milch | 0,90 € | | | **Gesamtpreis:** | | **1,80 €** | |
| Zucker | 1,50 € | | Milch | 2 | | Hinzufügen | |
| Kipferl | 0,50 € | | | | | | |

Produkt hinzufügen

- Update the total sum as well.
- Check if the budget is above the total sum. If so, use green color -- red otherwise.

**Enter a budget**

## Budget (in EUR)

| 10 | |

## Verfügbare Produkte  Einkaufsliste

| Name | Preis | | Name | Menge | Gesamtpreis | Aktion |
|------|-------|---|------|-------|-------------|--------|
| Brot | 1,20 € | | Milch | 2 | 1,80 € | 🗑 |
| Milch | 0,90 € | | | **Gesamtpreis:** | **1,80 €** | |
| Zucker | 1,50 € | | | | | |
| Kipferl | 0,50 € | | Milch | 2 | Hinzufügen | |

Produkt hinzufügen

- If the budget changes, update the color of the total sum as well.

**Remove product from shoppinglist**

## Budget (in EUR)

| 10 | |

## Verfügbare Produkte  Einkaufsliste

| Name | Preis | | Name | Menge | Gesamtpreis | Aktion |
|------|-------|---|------|-------|-------------|--------|
| Brot | 1,20 € | | | **Gesamtpreis:** | **0,00 €** | |
| Milch | 0,90 € | | Milch | 2 | Hinzufügen | |
| Zucker | 1,50 € | | | | | |
| Kipferl | 0,50 € | | | | | |

Produkt hinzufügen

- When clicking on the trash can, remove this product from the shopping list and update the total sum.

## Use Bootstrap in your Angular App

```
npm install bootstrap
```

### angular.json

```json
"styles": [
    "src/styles.css",
    "node_modules/bootstrap/dist/css/bootstrap.min.css"
],
"scripts": [
    "node_modules/bootstrap/dist/js/bootstrap.bundle.min.js"
]
```

### Center content

### index.html

```html
<body>
  <div
     class="
    d-flex
    flex-column
    min-vh-100
    justify-content-center
    align-items-center
    "
  >
    <app-root></app-root>
  </div>
</body>
```

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