## 6.Furniture

You will be given some furniture as an **array of objects**. Each object will have a name, a price, and a decoration factor.

When the [**"Generate"**] **button is clicked**, add a **new row to the table** for each piece of furniture with image**,** name**,** price, and decoration factor(code example below).

When the [**"**Buy**"**] button is clicked, get all **checkboxes that are marked** and show in the result textbox the **names** of the piece of furniture that **were checked**, separated by a **comma** and **single** **space** (**", "**) in the following format: **"Bought furniture: {furniture1}, {furniture2}…"**.

On the next line, print the total price in the format: **"Total price: {totalPrice}"** (formatted to the second decimal point). Finally, print the average decoration factor in the format: **"Average decoration factor: {decFactor}"**

### Input Example

**[{"name": "Sofa", "img": "https://res.cloudinary.com/maisonsdumonde/image/upload/q\_auto,f\_auto/w\_200/img/grey-3-seater-sofa-bed-200-13-0-175521\_9.jpg", "price": 150, "decFactor": 1.2}]**

### Examples



