

## Soluzione scritto di Tecnologie web in presenza del 29 giugno 2021

### Esercizio 2

```
<!DOCTYPE html>
<html lang="it">

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link rel="stylesheet" href="https://www.fabioitali.it/TW/lib/bootstrap.min.css">
  <link rel="stylesheet" href="scritto-2021-06-29-p-soluzione-style.css">
  <title>Esercizio 2</title>
</head>

<body>
  <header>
    <div class="headerContent">
      <p>Home &arr;</p>
      <h2>SUPPORTACI</h2>
      <div class="buttonContainer">
        <button type="button" value="Dona">DONA</button>
        <button type="button" value="Partecipa">PARTECIPA</button>
      </div>
    </div>
  </header>
  <div class="container">
    <div class="row">
      <div class="col border-top border-start border-bottom border-danger border-4">
        
      </div>
      <div class="col centralize">
        <p class="fw-bold text-danger">Sono molto i modi in cui puoi supportare le nostre at
        <p>Il modo <span class="fw-bold">più semplice è una donazione,</span> ma se lo vorrà
          class="fw-bold">scegliere di unirti a noi diventando un volontario</span>
          ,partecipando alle nostre <span class="fw-bold">campagne</span> e tanto altro.
        </p>
        <p class="fw-bold text-danger">Diventerai così un nostro supporter</p>
      </div>
    </div>
    <div class="sentence">
      <span>
        <p id="first">PUOI FARE</p>
      </span>
    </div>
  </div>
</body>
</html>
```

```

        <p id="second">LA DIFFERENZA</p>
    </span>
</div>
</div>
</div>
<script src="https://www.fabiovitali.it/TW/lib/jquery-3.6.0.js"></script>
<script src="https://www.fabiovitali.it/TW/lib/bootstrap.js"></script>
</body>

</html>

*{
    margin: 0;
    padding: 0;
}
header{
    display: flex;
    flex-direction: column;
    background-color: rgb(201, 0, 0);
    color: #fff;
    /* padding-top: 1em; */
    margin-bottom: 1em;
}

.headerContent{
    margin-left: 3em;
    padding-bottom: 1em;
}

header button{
    background-color: transparent;
    text-decoration: none;
    color: #fff;
    border: 2px solid white;
}

.centralize{
    padding-top: 6em;
    background-color: rgb(197, 191, 191);
}

.sentence{
    position: absolute;
    top: 5%;
    left: 30vw;
    font-size: 1.2em;
}

```

```

.container{
    position: relative;
    margin: auto;
}

span>*{
    margin-top : 0;
    margin-bottom: 0;
    width: 100%;
}

#first,
#second{
    background-color: white;
    color: black;
    height: 2em;
    font-weight: bold;
    text-align: center;
}

#second{
    margin-left: 2em;
}

```

### Esercizio 3

#### *Client*

```

<!DOCTYPE html>
<html lang="en">

<head>
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="https://www.fabioitali.it/TW/lib/bootstrap.min.css">
    <title>Document</title>
</head>

<body>
    <div class="row">
        <div class="col-3">
            
        </div>
    </div>
    <div class="container row">
        <div class="col-4" id="infoContainer"></div>
    </div>

```

```

    <div class="col-8" id="fotoContainer"></div>
  </div>
  <div class="row">
    <div class="col-4 m-3 p-2" id="formContainer"></div>
  </div>
  <div class="row m-2 p-2">
    <div class="col-6" id="results">

    </div>
  </div>
  <script src="https://www.fabiovitali.it/TW/lib/jquery-3.6.0.js"></script>
  <script src="scritto-2021-06-29-p-soluzione-es3.js"></script>
</body>

</html>

let dresses = [], cart = [];
let index = 0;
let url = "http://www.fabiovitali.it/TW/test/2021/";
$(().ready(()=>{
  $("#home").click(()=>{
    location.href = "#";
  })
  Promise.all([
    $.get("http://localhost:3000/dress1"),
    $.get("http://localhost:3000/dress2")
  ])
  .then((res)=>{
    dresses = res.map(x=>JSON.parse(x));
    render();
  })
  .catch(err=>{
    console.error(err)
  })
}));

function render(){
  let dress = dresses[index];
  let containerText = $("#infoContainer");
  let infoHtml = "";
  infoHtml = `
    <div class="row border-bottom border-3 fs-3">${dress.title}</div>
    <div class="row">${dress.description}</div>
    <div class="row fs-3"><div class="col text-warning">${dress.evaluation}</div><div class="col">
    <div class="row"><div class="col"><button class="btn btn-primary" onclick="rende
  `;

```

```

let containerImage = $("#fotoContainer");
let infoImage = `</img>`;
containerText.html(infoHtml);
containerImage.html(infoImage);
let formContainer = $("#formContainer");
let infoForm = "";
$.get(`http://localhost:3000/showItems/${index}`)
.then(response => {
    response = JSON.parse(response);
    for(let i in response){
        infoForm += `<label for="${i}">Scegli ${i} &nbsp;</label><select required name="${i}">`;
        for(let j of response[i]){
            infoForm += `<option value=${j}>${j}</option>`;
        }
        infoForm += `</select> &nbsp;`;
    }
    infoForm += `<br/><label for="quantity">Quantità &nbsp;</label><input id="quantity" type="text">`;
    infoForm += `<button onclick="addToCart(formContainer)" class="m-2 btn btn-primary">Aggiungi</button>`;
    formContainer.html(infoForm);
})
}

function addToCart(form){
    let dressId = index;
    let color = $(`[name="colore"]`).children(":selected").html();
    let taglia = $(`[name="taglia"]`).children(":selected").html();
    let quantity = parseInt($(`[name="quantity"]`).val());
    if(quantity>10){
        alert("Max quantity exceeded");
        render();
        return;
    }
    let toSend = {
        id: dressId,
        color: color,
        taglia: taglia,
        quantity: quantity,
    };
    $.post(`http://localhost:3000/buyItems?id=${toSend.id}&color=${toSend.color}&taglia=${toSend.taglia}&quantity=${toSend.quantity}`)
    .then(res=>{
        $("#results").html(`<p class="text-muted fs-3">Totale €${res}</p>`);
        render();
    })
    .catch(err=>{
        $("#results").html(`<p class="text-danger fs-3">Errore nella richiesta</p>`);
        console.log(err);
    })
}

```

```

});
$.post("http://www.fabioitali.it/TW/test/2021/doResponse.php",toSend)
.then(res=>{console.log(res);})
.catch(err => {console.log(err)});
}

function renderPrec(){
  index = ((index - 1) + dresses.length) % dresses.length;
  render();
}

function renderSucc(){
  index = (index + 1) % dresses.length;
  render();
}

```

### *Server*

```

const express = require('express')
const bodyParser = require('body-parser')
const app = express();
var cors = require('cors');
const port = 3000;

let jsonParser = bodyParser.json()
var urlencodedParser = bodyParser.urlencoded({ extended: false })

let data0 = {
  id : 0,
  title: "Amazon Essentials Abito Midi A-Line A Mezza Manica Vita Donna",
  description: "Questo vestito versatile e accattivante si adatta facilmente dal giorno al",
  image: "img/dress123.jpg",
  price: 24.99,
  evaluation: "****"
};

let color0 = ["Black", "Yellow", "White"];
let color1 = ["Black", "Green", "Red"];
let taglie0 = ["XS", "S", "L", "XL"];
let taglie1 = ["XS", "S", "M", "L", "XL"];

let data1 = {
  id : 1,
  title: "Amazon Essentials Abito Midi A-Line A Mezza Manica Vita Donna",
  description: "Questo versatile abito a maniche corte presenta uno scollo a V e un drappo",
  image: "img/dress945.jpg",

```

```

        price: 15.57,
        evaluation: "***"
    };

    let data = [data0, data1];

    app.use(cors());

    app.get('/dress1', (req, res) => {
        res.setHeader('Access-Control-Allow-Origin', '*');
        res.send(JSON.stringify(data[0]));
    })

    app.get('/dress2', (req, res) => {
        res.header('Access-Control-Allow-Origin', '*');
        res.send(JSON.stringify(data[1]));
    })

    app.get('/showItems/:id', (req, res) => {
        let toSend;
        switch (req.params.id) {
            case "0":
                toSend = {
                    colore: color0,
                    taglie: taglie0
                };
                break;
            case "1":
                toSend = {
                    colore: color1,
                    taglie: taglie1
                };
                break;
        }
        res.header('Access-Control-Allow-Origin', '*');
        res.send(JSON.stringify(toSend));
    })

    app.post('/buyItems', (req, res) => {
        res.header('Access-Control-Allow-Origin', '*');
        let id= req.query.id,
            color= req.query.color,
            taglia= req.query.taglia,
            quantity= req.query.quantity,
            total = parseFloat(data[id].price*parseInt(quantity));
        res.send(total.toString());
    })

```

```
  })  
  
  app.listen(port, () => {  
    console.log(`App listening at http://localhost:${port}`)  
  })
```