10.2 Demo Code

employees.html

```html
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <link
      rel="stylesheet"
      href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0/dist/css/bootstrap.min.css"
    />
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js">
</script>
    <script>
      getData(
        "https://raw.githubusercontent.com/daibenangelo/dump/main/employees.json"
      );

      async function getData(data) {
        let my_obj = await fetch(data);
        let my_text = await my_obj.text();
        let output = JSON.parse(my_text);

        $("#company_name").text(output.companyName);

        for (let i = 0; i < output.employees.length; i++) {
          let old_el = $("#employee_list").html();
          let row =
            "<tr><td>" +
            output.employees[i].firstName +
            "</td><td>" +
            output.employees[i].lastName +
            "</td><td>" +
            output.employees[i].email +
            "</td></tr>";
          $("#employee_list").html(old_el + row);
```

```
            }
            // console.log(my_text);
        }
    </script>
    <title>Employees</title>
  </head>
  <body>
    <h1>Employees of <span id="company_name"></span></h1>
    <table class="table">
      <tr>
        <th>First name</th>
        <th>Last name</th>
        <th>Email address</th>
      </tr>
      <tbody id="employee_list"></tbody>
    </table>
  </body>
</html>
```

cat.html

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <link
      rel="stylesheet"
      href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0/dist/css/bootstrap.min.css"
    />
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js">
</script>
    <title>Cat Facts</title>
    <script>
      $(document).ready(function () {
        $("#generate_fact").click(function () {
          getData("https://catfact.ninja/fact");

          async function getData(data) {
            let my_obj = await fetch(data);
```

```
            let my_text = await my_obj.text();
            let output = JSON.parse(my_text);

            // console.log(output);

            $("#cat_fact").text(output.fact);
          }
        });
      });
    </script>
  </head>
  <body>
    <h1>Cat Facts</h1>
    <img
      src="https://png.pngtree.com/png-clipart/20230511/ourmid/pngtree-isolated-cat-on-white-background-png-image_7094927.png"
      alt="cat"
    /><br />
    <button class="btn btn-primary" id="generate_fact">
      Generate Random Fact
    </button>
    <p id="cat_fact"></p>
  </body>
</html>
```

identify_language.html

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <link
      rel="stylesheet"
      href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0/dist/css/bootstrap.min.css"
    />
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js">
</script>
    <script>
      $(document).ready(function () {
```

```javascript
        $("#id_language").submit(function (x) {
            let phrase = $("#phrase").val();
            const settings = {
                async: true,
                crossDomain: true,
                url: "https://google-translate1.p.rapidapi.com/language/translate/v2/detect",
                method: "POST",
                headers: {
                    "content-type": "application/x-www-form-urlencoded",
                    "X-RapidAPI-Key":
                        "a899b49bd6msh0620aea32fa8800p1415e4jsnfb718239de9d",
                    "X-RapidAPI-Host": "google-translate1.p.rapidapi.com",
                },
                data: {
                    q: phrase,
                },
            };

            $.ajax(settings).done(function (response) {
                $("#language").text(response.data.detections[0][0].language);
            });

            x.preventDefault();
        });
    });
    </script>
    <title>Identify Language</title>
</head>
<body>
    <h1>Identify Language</h1>
    <form id="id_language">
        <input type="text" id="phrase" />
        <input type="submit" />
    </form>
    <p id="language"></p>
</body>
</html>
```