# 1DA1611:A Advanced Internet Programming

Project nr. 1 Report: 2023-02-23

Illia Priadko (309062)

### Plan:

- Define an HTML table, add the form and its elements with respective attributes
- Add a JavaScript section for handling submitted data and showing it on screen
- Testing

#### Given task:

#### Task

Please create a table containing the following elements

- Name (Text field)
- Surname (Text field)
- Age (from a drop down Menu)
- Sex (Radio button)
- Hobby (CheckBox)
- A OK buton
- A Cancel buton

First Name Last Name	First name:  Last name:
Age	
Sex	
Норру	
OK	Cancel

Please display the table data in a pop-up window after clicking the OK button (hint – this can be done using JavaScript)

# 1. Defining an HTML table along with the form inside of it:

Code is commented for readability

```
</style>
 <title>Lab 1: Form</title>
 <!-- Table along with the form content-->
            <form id="myForm">
                         First name:First name:</label><br>
                         <input type="text" id="fname" name="fname">

<tabel For I hame: / tabel For I
                         Age:<input list="agelist" id="age" name="age">
<datalist id="agelist">
                                            <option value="0-18">
                                             <option value="21-30">
                                             <option value="30-50">
                                             <option value="50+">
                                      Sex:
                                                                 <input type="radio" id="male" name="sex" value="Male"><label</pre>
for="male">Male</label>
                                                                 <input type="radio" id="female" name="sex" value="Female"><label</pre>
for="female">Female</label>
                                       Hobby:
                                                   <input type="checkbox" id="art" name="hobby" value="Art">
<label for="art">Art</label>
                                                   <input type="checkbox" id="sports" name="hobby" value="Sports">
<label for="sports">Sports</label>
                                                   <input type="checkbox" id="music" name="hobby" value="Music">
                                                   <label for="music">Music</label>
<input type="checkbox" id="eng" name="hobby" value="Engineering">
<label for="eng">Engineering</label>
                                      <!-- Submit and cancel buttons at the bottom to call the JS function or reset the form--> <input type="submit" onclick="showpopup()" value="0K"> <id><input type="reset" value="Cancel">
```

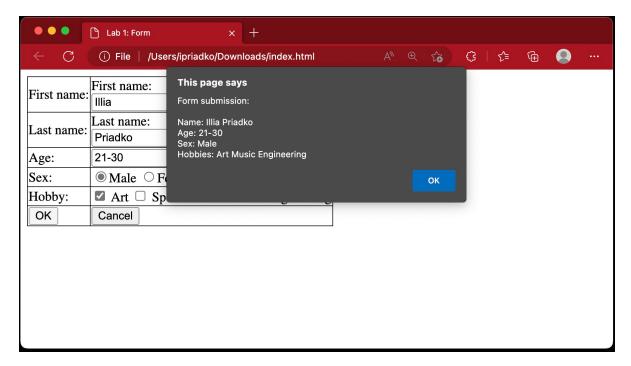
The table as shown inside the web browser:

First name:	First name:
Last name:	Last name: Priadko
Age:	21-30
Sex:	Male ○ Female
Hobby:	✓ Art □ Sports ✓ Music ✓ Engineering
ОК	Cancel

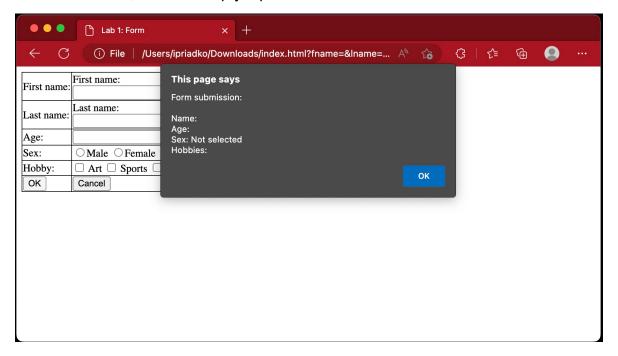
## 2. JavaScript code for scraping data and passing it on to the popup

The script was appended to the HTML file for convenience, inside the <script> section.

The popup with the above input data would show the following:



Works as intended, handles empty input fields as well.

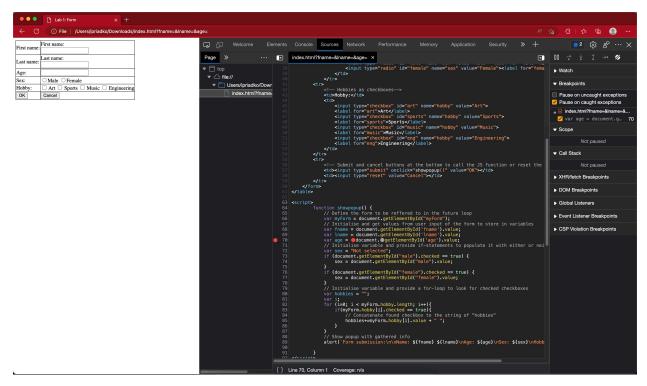


# 3. Testing

Testing was carried out inside of Chrome (or any Chromium-based browser for that matter, Edge is shown here).

Initially the popup did not show due to some syntax errors. In my case these were caused by me misusing id= and name= attributes in <input> elements.

As JavaScript errors are not verbosely shown on screen when something breaks, it is useful to use the developer tools and "Sources" section of it, where one can set breakpoints in script execution, do step-by-step execution, as well as see console input when debugging.



## **Conclusion:**

After having completed this project, I got familiar with HTML forms, JavaScript basic syntax (variable declaration, if-statements and loops), was able to successfully use its functions for getting information from HTML elements, and gathering it in one string for output. I have also familiarised myself with development tools provided inside Chromium.