# Classwork: Monster Display

Friday, November 14, 2025   9:52 PM

**Submission:**
- Push to "javascript_assignment" repository.
- Save html file as "javascript_assignment_3.html"
- If using external JavaScript, name as wish

**Instructions:**

Complete the following requirements based on the given HTML snippet and JSON data
- Create a drop-down menu with the data in the monster name defined in the given JSON data.
- The first (default) value in the drop-down menu is "-"
- If the user select a monster name, display the monster data in the corresponding DOM
- If user select the default ("-"), remove all data from the corresponding DOM (make it empty)
- Add CSS decoration as wish.

To update the corresponding DOM, you may:
- Create a button with click event or
- Create a callback to the drop-down "onchange" event

**HTML snippet:**

```html
<!DOCTYPE html>
<html>
  <head>
    <title>Monster Detail</title>
  </head>
  <body>
    <!-- You can modify the HTML to apply change
event or add more elements -->
    <h3>Monster Detail</h3>
    <div>Select Monster:</div>
    <div>
      <select id="monster-list"></select>
    </div>
    <hr/>
    <div>
      <table>
        <tr>
          <th>ID</th>
          <td id="td-monster-id"></td>
        </tr>
        <tr>
          <th>Name</th>
          <td id="td-monster-name"></td>
        </tr>
        <tr>
          <th>HP</th>
          <td id="td-monster-hp"></td>
        </tr>
        <tr>
          <th>EXP</th>
          <td id="td-monster-exp"></td>
        </tr>
      </table>
    </div>
    <script>
      // Monster list as array of JSON objects
      const monsters = [
        {
          "id": 1,
          "name": "Fire Dragon",
          "hp": 150,
          "exp": 85
        },
        {
          "id": 2,
          "name": "Ice Wolf",
          "hp": 75,
          "exp": 45
        },
        {
          "id": 3,
          "name": "Shadow Goblin",
          "hp": 40,
          "exp": 25
        },
        {
          "id": 4,
          "name": "Lightning Phoenix",
          "hp": 200,
          "exp": 120
        },
        {
          "id": 5,
          "name": "Earth Golem",
```

```
          "hp": 180,
          "exp": 95
      },
      {
          "id": 6,
          "name": "Poison Spider",
          "hp": 60,
          "exp": 35
      },
      {
          "id": 7,
          "name": "Wind Eagle",
          "hp": 90,
          "exp": 55
      },
      {
          "id": 8,
          "name": "Dark Skeleton",
          "hp": 65,
          "exp": 40
      },
      {
          "id": 9,
          "name": "Crystal Unicorn",
          "hp": 120,
          "exp": 75
      },
      {
          "id": 10,
          "name": "Lava Titan",
          "hp": 250,
          "exp": 150
      }
    ];
    // Your script goes here...
  </script>
 </body>
</html>
```

**Expected Output:**

https://1drv.ms/v/c/3839c74609b46cd1/Ed-lY9UWGk5GlRspYJA0j1QBlt-xsVcFm-T65mUrf01xaw?e=dQp92q

**Hint:**
- Using forEach or For-of to iterate through the array and create the selector option list.
- You can see the example how to add option list from previous example.
- Think carefully that which one shall be used to add new option element, innerText or innerHTML?
- You can also performing for loop to search for matched monster name and change **<td>** text