```javascript
// Written by Jack Crane in 2020 for Mrs. Spencer's world
Religions class. Availible under GNU GPLv3. If you dont know
what this means, it doesnt apply to you.

const religions = {
  judaism:[
    "Star of David",
    "Abraham",
    "Ten commandments",
    "Torah (or old testament)",
    "Temple",
    "Fasting",
    "Dietary Restrictions",
    "Jesus",
    "Savior is yet to come",
    "Dress Restrictions",
    "Pilgrimage",
    "Rabbis",
    "Diaspora"
  ],
  islam:[
    "Muhammad",
    "Quran",
    "Allah",
    "Five Pillars",
    "Dress Restrictions",
    "Pilgrimage",
    "Hijab",
    "Caliphs",
    "Imams"
  ],
  christianity:[
    "Monotheistic",
    "Church",
    "Bible",
    "New Testament",
    "Torah (or old testament)",
    "Trinity",
    "Preists",
    "Jesus",
    "Cross",
    "Pope",
    "Abraham",
    "Fasting",
    "Ten commandments"
  ],
  hinduism:[
```

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45        "Hinduism": [
46          "Caste system",
47          "Polytheistic",
48          "Moksha",
49          "Karma",
50          "Dharma",
51          "Vedas",
52          "Arranged Marriages",
53          "India",
54          "Reincarnation",
55          "No supreme being",
56          "Upanishads",
57          "Trinity",
58          "Dietary Restrictions",
59          "Moksha"
60        ],
61        buddhism: [
62          "Polytheistic",
63          "Nontheistic",
64          "Tibets",
65          "Sutras",
66          "Monks",
67          "India",
68          "Reincarnation",
69          "Nirvana",
70          "Four noble truths",
71          "Way of life",
72          "Meditation",
73          "Eightfold Path",
74          "Siddhartha (Buddha)",
75          "The Middle Way",
76          "Cyclic",
77          "Dharma",
78          "Karma",
79          "No supreme being",
80          "Dietary Restrictions"
81        ],
82        confucianism: [
83          "Confucius",
84          "Monotheistic",
85          "Male superiority",
86          "Harmony",
87          "Oriental",
88          "Extends Buddhism",
89          "Temple",
90          "Shrine",
91          "China",
92          "Virtue"
```

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92          virtue",
93          "Character",
94          "Golden rule"
95        ],
96        taoism:[
97          "Oriental",
98          "Extends Buddhism",
99          "China",
100         "Temple",
101         "Shrine",
102         "Balance",
103         "Contemplation",
104         "Polytheistic",
105         "Compassion",
106         "Moderation",
107         "Nature",
108         "Lao Tzu"
109       ],
110       shintoism:[
111         "Atheistic",
112         "Japan",
113         "Kami",
114         "Spirits",
115         "Altar",
116         "Reflection",
117         "Way of life",
118       ]
119   }
120
121   function compareTo(arr1,arr2) {
122     console.log(arr1)
123     console.log(arr2)
124     let returns = {
125       arr1:[],
126       arr2:[],
127       overlap:[]
128     };
129     let overlap = [];
130     for(let i = 0; i < arr1.length; i++) {
131       if(arr2.indexOf(arr1[i]) != -1) {
132         returns.overlap.push(arr1[i]);
133
134       } else {
135         returns.arr1.push(arr1[i]);
136       }
137     }
138     for(let i = 0; i < arr2.length; i++) {
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139          if(arr1.indexOf(arr2[i]) != -1) {
140            returns.overlap.push(arr2[i]);
141          } else {
142            returns.arr2.push(arr2[i]);
143          }
144        }
145      let us = new Set(returns.overlap)
146      returns.overlap = [...us];
147      return returns;
148    }
149    global_attrs = [];
150    const Venn = {
151      update:function() {
152        let values = {
153          inputOne:document.getElementById("rel1").value,
154          inputTwo:document.getElementById("rel2").value,
155        };
156        let elements = {
157          left:document.getElementById("left"),
158          right:document.getElementById("right"),
159          overlap:document.getElementById("overlap"),
160          leftTitle:document.getElementById("leftTitle"),
161          rightTitle:document.getElementById("rightTitle")
162        }
163        console.log(values);
164        console.log(elements);
165        rightTitle.innerHTML = values.inputOne;
166        leftTitle.innerHTML = values.inputTwo;
167        if(values.inputOne && values.inputTwo != "default") {
168          let attrs =
             compareTo(religions[values.inputOne],religions[values.i
             nputTwo]);
169          global_attrs = attrs;
170          console.log(attrs)
171          left.innerHTML = "";
172          right.innerHTML = "";
173          overlap.innerHTML = "";
174          left.appendChild(Venn.arrToList(attrs["arr1"]));
175          overlap.appendChild(Venn.arrToList(attrs["overlap"]));
176          right.appendChild(Venn.arrToList(attrs["arr2"]));
177        }
178      },
179      arrToList:function(arr) {
180        console.log(arr)
181        let ul = document.createElement("ul");
182        for(let i = 0; i < arr.length; i++) {
183          let li = document.createElement("li");
```

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184            li.innerHTML = arr[i];
185            ul.appendChild(li)
186         }
187       return ul;
188    }
189  }
190
```