Cat Recommender By Size And Country

Choose your prefeerred cat size and the country you want your cat to be from and let the app recommend the type of cat you should get!

```
1   //cat recommender by country and size
2   //this app lets the user specify a country and their desired cat size
3   //then the app will suggest a cat for the user using the country and cat size
4
5   //initialize variables and set the output area as blank
6   var catNumber = getColumn("Cats", "id");
7   var catName = getColumn("Cats", "Name");
8   var catWeight = getColumn("Cats", "Maximum Weight");
9   var catCountry = getColumn("Cats", "Origin");
10  var userCountryChoice;
11  var userCatSize;
12  var recommendedCats = [];
13  var catText = "";
14
15  setProperty("recommendedCatsArea", "text", "");
16
17  //events
18  //
19  //when the recommend button is clicked, get the selected country and cat size
20  //then filter the cats based on the country selected and matched with the cat size selected
21  //show the information on screen and reset the variable text and the recommended cats list
22  onEvent("recommendButton", "click", function( ) {
23    userCountryChoice = getText("countryDropdown");
24    userCatSize = getText("catSize");
25    filter(userCountryChoice);
26    updateScreen();
27  });
28
29  //functions
30  //
31  //the filter function takes the country selected by the user and runs a loop with if statements
32  //to match the country with cats with the same country and also separate the cats
33  //based on the size user selected and have the size be based on the catWeight range
34  //if it all matches, then add those cats to the recommendedCats list.
35  function filter(userCountryChoice) {
36   for (var i = 0; i < catNumber.length; i++) {
37     if (userCountryChoice == catCountry[i] && catWeight[i] <=  11 && userCatSize == "Small" ) {
38       appendItem(recommendedCats, catName[i]);
39     } else if (userCountryChoice == catCountry[i] && catWeight[i] >=  12 && catWeight[i] <=  17 &&
40        userCatSize == "Medium") {
41       appendItem(recommendedCats, catName[i]);
42     } else if(userCountryChoice == catCountry[i] && catWeight[i] >=  18 && userCatSize == "Large"){
43       appendItem(recommendedCats, catName[i]);
44     }
45   }
46  }
47
48  //the updateScreen function clears the text area and runs a loop to display every cat
49  //in the recommendedCats list and clear the list and message after the message is displayed
50  function updateScreen() {
51    setProperty("recommendedCatsArea", "text", "");
52
```

```
53    for (var i = 0; i < recommendedCats.length; i++) {
54      catText += recommendedCats[i] + ", ";
55      setProperty("recommendedCatsArea", "text", catText);
56      removeItem(recommendedCats, i);
57    }
58    catText = "";
59    recommendedCats = [];
60  }
```

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