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//Variables
var science = getColumn("Endangered Species of Canada", "Scientific
Name");
var common = getColumn("Endangered Species of Canada", "Common
Name");
var danger = getColumn("Endangered Species of Canada", "Conservation
Status");
var type = getColumn("Endangered Species of Canada", "Class");

//create blank lists so the information from the larger list can be
narrowed down
var filterCommonMammal = [];
var filterScienceMammal = [];
var filterDangerMammal = [];

var filterCommonReptile = [];
var filterScienceReptile = [];
var filterDangerReptile = [];

var filterCommonAmphibian = [];
var filterScienceAmphibian = [];
var filterDangerAmphibian = [];

var filterCommonArthropod = [];
var filterScienceArthropod = [];
var filterDangerArthropod = [];

filter();
display();

//onEvents

onEvent("mammal_next", "click", function( ) {
    filter();
    display();
});
onEvent("reptile_next", "click", function( ) {
    filter();

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        display();
    });
    onEvent("amphibian_Next", "click", function( ) {
        filter();
        display();
    });
    onEvent("arthropod_Next", "click", function( ) {
        filter();
        display();
    });
    onEvent("reptile_btn", "click", function( ) {
        toReptile();
    });
    onEvent("backtoPg1", "click", function( ) {
        setScreen("page1");
    });

    onEvent("btn_Start", "click", function( ) {
        nav();
    });
    onEvent("pg3toNav", "click", function( ) {
        nav();
    });
    onEvent("mammal_btn", "click", function( ) {
        toMammal();
    });
    onEvent("arthropod_btn", "click", function( ) {
        toArthropod();
    });
    onEvent("amphibian_btn", "click", function( ) {
        toAmphibian();
    });
    onEvent("pg4toNav", "click", function( ) {
        nav();
    });

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//Functions

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function filter() {
    filterCommonMammal = [];
    filterScienceMammal = [];
    filterDangerMammal = [];

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filterCommonReptile = [];
filterScienceReptile = [];
filterDangerReptile = [];

filterCommonAmphibian = [];
filterScienceAmphibian = [];
filterDangerAmphibian = [];

filterCommonArthropod = [];
filterScienceArthropod = [];
filterDangerArthropod = [];

for (var g = 0; g < science.length; g++) {
    if (type[g] == "Mammal") {
        appendItem(filterCommonMammal, common[g]);
        appendItem(filterScienceMammal, science[g]);
        appendItem(filterDangerMammal, danger[g]);

    } else if (type[g] == "Reptile") {
        appendItem(filterCommonReptile, common[g]);
        appendItem(filterScienceReptile, science[g]);
        appendItem(filterDangerReptile, danger[g]);

    } else if (type[g] == "Amphibian") {
        appendItem(filterCommonAmphibian, common[g]);
        appendItem(filterScienceAmphibian, science[g]);
        appendItem(filterDangerAmphibian, danger[g]);

    } else if (type[g] == "Arthropod") {
        appendItem(filterCommonArthropod, common[g]);
        appendItem(filterScienceArthropod, science[g]);
        appendItem(filterDangerArthropod, danger[g]);

    }
}

function toMammal() {
    setScreen("page3");
    showElement("label_Mammal");
    showElement("mammal_next");
    showElement("txt_mammalCommon");
}

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        showElement("txt_mammalScience");
        showElement("txt_mammalStatus");
        showElement("mammal_Info");
    }

function toReptile() {
    setScreen("page3");
    showElement("label_reptile");
    showElement("reptile_next");
    showElement("txt_reptileCommon");
    showElement("txt_reptileScience");
    showElement("txt_reptileStatus");
    showElement("reptile_Info");
}

function nav() {
    setScreen("page2");
    hideElement("mammal_next");
    hideElement("label_reptile");
    hideElement("label_Mammal");
    hideElement("reptile_next");
    hideElement("txt_mammalScience");
    hideElement("txt_mammalStatus");
    hideElement("txt_reptileCommon");
    hideElement("txt_mammalCommon");
    hideElement("txt_reptileScience");
    hideElement("txt_reptileStatus");
    hideElement("reptile_Info");
    hideElement("mammal_Info");
    hideElement("amphibian_Common");
    hideElement("amphibian_Info");
    hideElement("amphibian_Next");
    hideElement("amphibian_Science");
    hideElement("amphibian_Status");
    hideElement("arthropod_Science");
    hideElement("arthropod_Common");
    hideElement("arthropod_Info");
    hideElement("arthropod_Next");
    hideElement("label_amphibian");
    hideElement("label_Arthropod");
    hideElement("arthropod_Status");
}

function toAmphibian() {
    setScreen("page4");

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    showElement("amphibian_Common");
    showElement("amphibian_Info");
    showElement("amphibian_Next");
    showElement("amphibian_Science");
    showElement("amphibian_Status");
    showElement("label_amphibian");
}

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function toArthropod() {
    setScreen("page4");
    showElement("arthropod_Science");
    showElement("arthropod_Common");
    showElement("label_Arthropod");
    showElement("arthropod_Info");
    showElement("arthropod_Next");
    showElement("arthropod_Status");
}

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function display() {
    var randomMammal = randomNumber(0, filterScienceMammal.length-1);
    var randomReptile = randomNumber(0, filterScienceReptile.length-1);
    var randomAmphibian = randomNumber(0,
    filterScienceAmphibian.length-1);
    var randomArthropod = randomNumber(0,
    filterScienceArthropod.length-1);

    setText("txt_mammalCommon", filterCommonMammal[randomMammal]);
    setText("txt_mammalStatus", filterDangerMammal[randomMammal]);
    setText("txt_mammalScience", filterScienceMammal[randomMammal]);
    setText("txt_reptileCommon", filterCommonReptile[randomReptile]);
    setText("txt_reptileScience", filterScienceReptile[randomReptile]);
    setText("txt_reptileStatus", filterDangerReptile[randomReptile]);
    setText("amphibian_Common", filterCommonAmphibian[randomAmphibian]);
    setText("amphibian_Science",
    filterScienceAmphibian[randomAmphibian]);
    setText("amphibian_Status", filterDangerAmphibian[randomAmphibian]);
    setText("arthropod_Common", filterCommonArthropod[randomArthropod]);
    setText("arthropod_Science", filterScienceArthropod[randomArthropod]);
    setText("arthropod_Status", filterDangerArthropod[randomArthropod]);
}

```

