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setScreen("StartScreen");
var flagnames = getColumn("Flag", "name");
var flagimages = getColumn("Flag", "image");
LoopAnimation();
var CorrectAnswers = 0;
var Input = "";
var ShownImage = -1;
var QuestionNum = flagnames.length+1;
var Guesses = [];
console.log(flagimages);
onEvent("text_input1", "change", function( ) {
    Input = getText("text_input1");
});
onEvent("startbutton", "click", function( ) {
    ShownImage = -1;
    CorrectAnswers = 0;
    setScreen("screen1");
    ShowImage();
    setProperty("label4", "text", "");
    Guesses = [];
});
onEvent("guessbutton", "click", function( ) {
    console.log(flagnames[ShownImage]);
    if (Input == flagnames[ShownImage] && ShownImage == flagnames.length - 1) {
        appendItem(Guesses, Input);
        setProperty("image2", "image",
"https://media.istockphoto.com/id/1149191912/vector/all-national-flags-of-the-world-backgrou
nd-style.jpg?s=612x612&w=0&k=20&c=XKIYWIPF-t8LyZ-LNzXkcpQ1PPpQ4t9IRHOxQxg0y
4s=");
        CorrectAnswers = CorrectAnswers + 1;
        setScreen("screen2");
        QuestionNum = ShownImage+1;
        setProperty("label7", "text", CorrectAnswers + "/" + QuestionNum);
        console.log(Guesses);
        console.log(flagnames);
        EndFunction(Guesses);
    } else if (Input == flagnames[ShownImage]) {
        appendItem(Guesses, Input);
        setProperty("label4", "text", "Correct");
        CorrectAnswers = CorrectAnswers + 1;
        ShowImage();
    } else if ((ShownImage == flagnames.length - 1)) {
        appendItem(Guesses, Input);
        QuestionNum = ShownImage+1;
        setScreen("screen2");
        setProperty("image2", "image",
"https://media.istockphoto.com/id/1149191912/vector/all-national-flags-of-the-world-backgrou

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nd-style.jpg?s=612x612&w=0&k=20&c=XKIYWIPF-t8LyZ-LNzXkcpQ1PPpQ4t9IRHOxQxg0y4s=");

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    setProperty("label7", "text", CorrectAnswers + "/" + QuestionNum);
    console.log(Guesses);
    console.log(flagnames);
    EndFunction(Guesses);
} else {
    appendItem(Guesses, Input);
    setProperty("label4", "text", "Incorrect");
    ShowImage();
}
});
onEvent("button2", "click", function( ) {
    setScreen("StartScreen");
});
function ShowImage() {
    ShownImage = ShownImage+1;
    console.log(ShownImage);
    setProperty("label1", "text", (CorrectAnswers + "/" + (ShownImage)));
    setProperty("image1", "image", flagimages[ShownImage]);
}
function LoopAnimation() {
    for (var e = 0; e < flagnames.length; e++) {
        setProperty("image2", "image", flagimages[e]);
    }
}
function EndFunction(UserList) {
    var FinalScore = 0;
    for (var i = 0; i < Guesses.length; i++) {
        if (UserList[i] === flagnames[i]) {
            FinalScore = FinalScore+1;
        }
    }
    setProperty("label7", "text", FinalScore + "/" + flagnames.length);
    if (FinalScore == flagnames.length) {
        setProperty("label10", "text", "Perfect Score");
    } else {
        setProperty("label10", "text", "Keep Studying");
    }
}
```