

"Defining Variables"

```
var Image = getColumn("Dogs", "Image");  
var Name = getColumn("Dogs", "Name");  
var im = 1;  
var im2 = 0;  
var flipped = 0;  
var moves = 0;  
var result = 0;
```

"Takes you to the next screen"

```
onEvent("button1", "click", function( ) {  
    setScreen("screen2");  
});
```

"Takes you to the next screen and prepares hidden elements"

```
onEvent("button3", "click", function( ) {  
    setScreen("screen5");  
    hideElement("label13");  
    hideElement("label22");  
    hideElement("label12");  
    hideElement("label11");  
    hideElement("label15");  
    hideElement("label14");  
    hideElement("label18");  
    hideElement("label9");  
});
```

"Takes you to the next screen and shows images"

```
onEvent("button5", "click", function( ) {  
    setScreen("screen4");  
    setImageURL("image27", Image[1]);  
    setImageURL("image29", Image[2]);  
    setImageURL("image26", Image[3]);  
    setImageURL("image33", Image[4]);  
    setImageURL("image32", Image[5]);  
    setImageURL("image30", Image[6]);  
    setImageURL("image31", Image[7]);  
    setImageURL("image28", Image[8]);  
});
```

"Takes you to the next screen and gives final score/moves"

```
onEvent("button4", "click", function( ) {  
    setScreen("screen6");  
    if (moves >= 40) {  
        result = "Not Great";  
    } else {
```

```
    result = "Good Job";  
  }  
  setText("label28", "Total Moves: " + moves + result);  
});
```

"All the events below show an image from a list when clicked then run a function"

```
onEvent("image21", "click", function( ) {  
  im = Image[1];  
  setImageURL("image21", im);  
  clicked();  
});  
onEvent("image19", "click", function( ) {  
  im = Image[2];  
  setImageURL("image19", im);  
  clicked();  
});  
onEvent("image23", "click", function( ) {  
  im = Image[3];  
  setImageURL("image23", im);  
  clicked();  
});  
onEvent("image24", "click", function( ) {  
  im = Image[4];  
  setImageURL("image24", im);  
  clicked();  
});  
onEvent("image17", "click", function( ) {  
  im = Image[5];  
  setImageURL("image17", im);  
  clicked();  
});  
onEvent("image16", "click", function( ) {  
  im = Image[6];  
  setImageURL("image16", im);  
  clicked();  
});  
onEvent("image20", "click", function( ) {  
  im = Image[7];  
  setImageURL("image20", im);  
  clicked();  
});  
onEvent("image10", "click", function( ) {  
  im = Image[8];
```

```
    setImageURL("image10", im);  
    clicked();  
});
```

"These events show a text where the icon was then run a function"

```
onEvent("image13", "click", function( ) {  
    im2 = Name[1];  
    setText("label13", im2);  
    hideElement("image13");  
    showElement("label13");  
    clicked();  
});  
onEvent("image22", "click", function( ) {  
    im2 = Name[2];  
    setText("label22", im2);  
    showElement("label22");  
    hideElement("image22");  
    clicked();  
});  
onEvent("image12", "click", function( ) {  
    im2 = Name[3];  
    showElement("label12");  
    setText("label12", im2);  
    hideElement("image12");  
    clicked();  
});  
onEvent("image11", "click", function( ) {  
    im2 = Name[4];  
    showElement("label11");  
    setText("label11", im2);  
    hideElement("image11");  
    clicked();  
});  
onEvent("image15", "click", function( ) {  
    im2 = Name[5];  
    setText("label15", im2);  
    showElement("label15");  
    hideElement("image15");  
    clicked();  
});  
onEvent("image14", "click", function( ) {  
    im2 = Name[6];
```

```

setText("label14", im2);
hideElement("image14");
showElement("label14");
clicked();
});
onEvent("image18", "click", function( ) {
  im2 = Name[7];
  setText("label18", im2);
hideElement("image18");
showElement("label18");
clicked();
});
onEvent("image9", "click", function( ) {
  im2 = Name[8];
  setText("label9", im2);
hideElement("image9");
showElement("label9");
clicked();
});

```

"This runs when any of the game icons are clicked and is used to check and change variables"

```

function clicked() {
  moves = moves + 1;
  setText("label5", "moves: " + moves);
  flipped = flipped + 1;
  if (im == Image[1] && im2 == Name[1]) {
    deleteElement("image21");
    deleteElement("label13");
    deleteElement("image13");
  } else if (im == Image[2] && im2 == Name[2]) {
    deleteElement("image22");
    deleteElement("label22");
    deleteElement("image19");
  } else if (im == Image[3] && im2 == Name[3]) {
    deleteElement("image23");
    deleteElement("label12");
    deleteElement("image12");
  } else if (im == Image[4] && im2 == Name[4]) {
    deleteElement("image24");
    deleteElement("image11");
    deleteElement("label11");
  } else if (im == Image[5] && im2 == Name[5]) {
    deleteElement("image17");
    deleteElement("image15");
    deleteElement("label15");
  }
}

```

```

} else if (im == Image[6] && im2 == Name[6]) {
    deleteElement("image16");
    deleteElement("image14");
    deleteElement("label14");
} else if (im == Image[7] && im2 == Name[7]) {
    deleteElement("image20");
    deleteElement("label18");
    deleteElement("image18");
} else if (im == Image[8] && im2 == Name[8]) {
    deleteElement("image10");
    deleteElement("label9");
    deleteElement("image9");
}
if (flipped == 2) {
    flipped = 0;
    showElement("image13");
    showElement("image22");
    showElement("image12");
    showElement("image11");
    showElement("image15");
    showElement("image14");
    showElement("image18");
    showElement("image9");
    hideElement("label13");
    hideElement("label22");
    hideElement("label12");
    hideElement("label11");
    hideElement("label15");
    hideElement("label14");
    hideElement("label18");
    hideElement("label9");
    setImageURL("image21", "icon://fa-question-circle");
    setImageURL("image19", "icon://fa-question-circle");
    setImageURL("image23", "icon://fa-question-circle");
    setImageURL("image24", "icon://fa-question-circle");
    setImageURL("image17", "icon://fa-question-circle");
    setImageURL("image16", "icon://fa-question-circle");
    setImageURL("image20", "icon://fa-question-circle");
    setImageURL("image10", "icon://fa-question-circle");
    im = 0;
    im2 = 0;
}
}

```

