```
1   //All information/data displayed is from Code.org

2   //image credit: http://clipartmag.com/image/nes-controller-drawing-1.png

3

4

5

6   //data values to be shown

7   var publisherlist = getColumn("Best Selling Video Games", "Publisher");

8   var titleslist = getColumn("Best Selling Video Games", "Title");

9   var platformslist = getColumn("Best Selling Video Games", "Platforms");

10  var saleslist = getColumn("Best Selling Video Games", "Sales");

11  var dateslist = getColumn("Best Selling Video Games", "Initial release date");

12

13  //Setting up filteredLists to

14  var filteredplatformsList = [];

15  var filteredpublishersList = [];

16  var filteredsalesList = [];

17  var filtereddatesList = [];

18

19  //filters data set to only use Nintendo Games

20  var nintendoonlylist = [];

21  var publisher;

22  for (var i = 0; i < publisherlist.length; i++) {

23    var publisher = publisherlist[i];

24    if (publisher == "Nintendo") {

25      appendItem(nintendoonlylist, titleslist[i]);

26      appendItem(filteredpublishersList, publisherlist[i]);

27      appendItem(filteredplatformsList, platformslist[i]);

28      appendItem(filteredsalesList, saleslist[i]);

29      appendItem(filtereddatesList, dateslist[i]);

30    }

31  }

32  //
```

```
                //
33

34
        //Filter Multiple Lists (Wii games and Multiplatform Games) for random game recommendations
35

        var wiigames = [];
36

        filterconsoles("Wii", wiigames);
37

        var multigames = [];
38

        filterconsoles("Multi-platform", multigames);
39

        //
40

        function filterconsoles(consolename, gamelist) {
41

          for (var i = 0; i < platformslist.length; i++) {
42

            if (platformslist[i] == consolename) {
43

              appendItem(gamelist, titleslist[i]);
44

            }
45

          }
46

          console.log(wiigames);
47

          console.log(multigames);
48

        }
49

50

51

52

        //Displaying corresponding game information on app screen
53
```

```
54
        var nintendoonlyIndex = 0;
55

        var wiigamesIndex = 0;
56

        var multigamesIndex = 0;
57

        onEvent("controller(button)", "click", function( ) {
58

            updatescreen();
59

        });
60

        function updatescreen() {
61

            nintendoonlyIndex = randomNumber(0, nintendoonlylist.length -
1); 62
            wiigamesIndex = randomNumber(0, wiigames.length - 1);
63

            multigamesIndex = randomNumber(0, multigames.length - 1);
64

            setProperty("titletextoutput", "text",
```

```
nintendoonlylist[nintendoonlyIndex]); 65
      setText("publishertextoutput",
filteredpublishersList[nintendoonlyIndex]); 66
      setText("platformtextoutput",
filteredplatformsList[nintendoonlyIndex]); 67
      setText("salesoutput", filteredsalesList[nintendoonlyIndex]);
68
      setText("dateoutput", filtereddatesList[nintendoonlyIndex]);
69

70

71
    var randomwii = wiigames[wiigamesIndex];
72
  var randomwiitext = randomwii;
73
    var randommulti = multigames[multigamesIndex];
74
    var randommultitext = randommulti;
75
    setProperty("recommendationarea", "text", randommultitext ||
randomwiitext); 76
    }
```

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