

Zach Boburka, Skate Park

Fall 19

CIT111

CCAC West Hills

My final project is a program that takes aspects of a skateboard and prints them out into the "skatePark". The skatePark has 3 skateboards in it and it prints out the Brand Name, Size, Name of the Trick it performs, whether or not the trick lands, and how high the skateboard went in the air for the trick. The brand name, size, and trick name are all preset Strings, but the trick height and completion are random. The trick height is determined from a random double generator from 1 to 4 feet and the trick completion is a Boolean that is determined from a random number generator that picks from either a 1 or a 2, which represent true and false. All of this is then printed out into 3 separated "skateboards" in the park.

Accessing the files

https://github.com/zachboburka/cit111_ccac/blob/master/Skateboard

https://github.com/zachboburka/cit111_ccac/blob/master/SkatePark

Useful Resources

Printf Method (used for the random double generator)

<http://www.oxfordmathcenter.com/drupal7/node/24>

Future Ideas

- I wanted to include a feature that kept track of what condition the skateboard was in, and would worsen as time went on, but didn't have the time for that.
- I probably could have refined the code and made it shorter, especially the random generators.
- I could add more skateboards and more skateboard aspects to the project and make it more in depth.

```
**** First Skateboard ****
firstSkateboard's brand : AntiHero
firstSkateboard's size : 8.12 inches
Doing Trick...
firstSkateboard's trick landed : true
firstSkateboard's trick : Kickflip
firstSkateboard's trick height : 3.55 feet high
*****

**** Second Skateboard ****
secondSkateboard's brand : Palace Skateboards
secondSkateboard's size : 8.25 inches
Doing Trick...
secondSkateboard's trick landed : true
secondSkateboard's trick : Pop Shuvit
secondSkateboard's trick height : 2.44 feet high
*****

**** Third Skateboard ****
thirdSkateboard's brand : Palace Skateboards
thirdSkateboard's size : 8.0 inches
Doing Trick...
thirdSkateboard's trick landed : true
thirdSkateboard's trick : Tre Flip
thirdSkateboard's trick height : 2.88 feet high
*****

BUILD SUCCESSFUL (total time: 0 seconds)
```