# CSCI 107 Assignment 3

* Due Date: Friday, September 23rd no later than 11:59 p.m.
* You must complete this assignment individually.

## Introduction

After producing business cards for the previous assignments, you decide to foray into the fascinating world of [Pokémon Go](http://www.pokemongo.com/). Inspired by the 2016 summer craze, you would like to create your own Pokémon artwork and be immortalized forever. As a first step, you have been hired to create a graphic for the game of Pokémon Go. You are welcome to recreate an existing graphic or create something new that is appropriate.

## Pokémon Go Graphic - 100 points

Use Python Turtle Graphics to design and draw a simple Pokémon graphic. Here is a [picture](https://www.cs.montana.edu/paxton/classes/joy-and-beauty/assignments/hw3/voltorb.png) of one such graphic that is intended to depict [Voltorb](http://www.pokemon.com/us/pokedex/).

### Requirements and Grading

* 20 points - The graphic is centered both horizontally (10 points) and vertically (10 points) in the drawing area.
* 20 points - The graphic fits in a 100 pixels wide (10 points) by 100 pixels tall (10 points) drawing area.
* 20 points - The tile contains at least two different colors (10 points each).
* 10 points - An appropriate comment appears at the top of the Python solution.
* 10 points - The Python solution is easy to understand and does not contain unnecessary code.
* 5 points - In the D2L Dropbox comment box, provide a brief description of your picture. For the sample picture above, the comment might be something like *My graphic is the Pokémon monster Voltorb*.
* 15 points - Creativity, Quality and Aesthetics. In the context of what we know about turtle graphics, make a graphic that would impress your friends!

### Helpful Hints

* Take a look at the turtle method [summary](http://interactivepython.org/runestone/static/thinkcspy/PythonTurtle/SummaryofTurtleMethods.html) to remind yourself what is possible.
* Have fun!

### Submission

Place the solution in a file named **Pokemon.py** and submit it in the D2L Dropbox no later than 11:59 p.m. on Friday, September 23rd. Late submissions receive no credit, but partial credit can be earned by making an ontime submission.

### Hall of Fame Solutions

* Daniel's [Loudred](https://www.cs.montana.edu/paxton/classes/joy-and-beauty/assignments/hw3/daniel.png)
* Rusty's [Legendary Bird Ensemble](https://www.cs.montana.edu/paxton/classes/joy-and-beauty/assignments/hw3/rusty.png)
* Su's [Jigglypuff](https://www.cs.montana.edu/paxton/classes/joy-and-beauty/assignments/hw3/su.png)
* Susan's [Staryu](https://www.cs.montana.edu/paxton/classes/joy-and-beauty/assignments/hw3/susan.png)
* Zach's [Jumpluff](https://www.cs.montana.edu/paxton/classes/joy-and-beauty/assignments/hw3/zach.png)