

Simple Turtle Drawing (Warmup)

You may have come across several Python Turtle functions during lecture/tutorial. Some of the functions covered include:

- `pd()` : Pen down. Any movements thereafter will be traced.
- `pu()` : Pen up. Any movements thereafter will NOT be traced.
- `forward(distance)` : Moves the turtle forward a number of units specified by distance.
- `backward(distance)` : Moves the turtle backward a number of units specified by distance.
- `right(degrees)` : Turns the turtle right by the indicated number of degrees.
- `left(degrees)` : Turns the turtle left by the indicated number of degrees.

The direction functions `forward`, `backward`, `right`, and `left` all have shorthand form equivalents, which are `fd`, `bk/back`, `rt`, and `lt` respectively. Use whichever function form you prefer.

Warmup Exercise

For each of the following sequences of function calls, predict what will be drawn as a result. Then, run the calls yourself on Python IDLE. Did it draw what you predicted?

<pre># Sequence 1 forward(100) backward(100) forward(100) backward(100)</pre>	<pre># Sequence 2 backward(100) pu() left(90) forward(100) right(90) forward(100)</pre>
<pre># Sequence 3 backward(100) left(90) forward(100) right(90) forward(100)</pre>	<pre># Sequence 4 right(90) left(180) right(135) backward(100) right(90) backward(100)</pre>