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## Exercise: power iter

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### Exercise: iter power

5.0 points possible (graded)

**ESTIMATED TIME TO COMPLETE: 6 minutes**

Write an iterative function `iterPower(base, exp)` that calculates the exponential  $\text{base}^{\text{exp}}$  by simply using successive multiplication. For example, `iterPower(base, exp)` should compute  $\text{base}^{\text{exp}}$  by multiplying `base` times itself `exp` times. Write such a function below.

This function should take in two values - `base` can be a float or an integer; `exp` will be an integer  $\geq 0$ . It should return one numerical value. Your code must be iterative - use of the `**` operator is not allowed.

```

1 def iterPower(base, exp):
2     '''
3     base: int or float.
4     exp: int >= 0
5
6     returns: int or float, base^exp
7     '''
8     # Your code here
9 
```

Press ESC then TAB or click outside of the code editor to exit

Unanswered

Types

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