# 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 $base^{exp}$ by simply using successive multiplication. For example, `iterPower(base, exp)` should compute $base^{exp}$ 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.

```
def iterPower(base, exp):
    '''
    base: int or float.
    exp: int >= 0

    returns: int or float, base^exp
    '''
    # Your code here

```

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

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