

L5 PROBLEM 1 (5 points possible)

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 ≥ 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
```

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