**Power Recr Exercise**

**PowerIter Exercise:** Write an iterative function recurPower (base, exp) that calculates the exponential baseexp by using Recursion. 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 recursive - use of the \*\* operator is not allowed.

**Input Format:**

* The first line of the input contains the number of test cases.
* Each test case’s input contains the values of base and exponent that are separated by space.

**Output Format:**

* Returns the baseexp for the given base and exp.

**Sample Input #1:**

**2**

**10 2**

**952 5**

**Sample Output #1:**

**100**

**781960367276032**