

Challenge: Solve Hanoi recursively

Solve the base case

In this challenge, you will solve the towers of Hanoi problem for five disks, by writing a recursive function `solveHanoi` that will solve Hanoi for any positive number of disks.

A call to `solveHanoi(numDisks,fromPeg,toPeg)` should move `numDisks` disks from the peg `fromPeg` to the peg `toPeg`.

Start by implementing the base case of zero disks.

```
1 var solveHanoi = function(numDisks, fromPeg, toPeg) {
2   // base case: no disks to move
3   if (... == ...) {
4     ...
5   }
6   solveHanoi(...);
7   ...
8 };
```



Hint

Java

Python

C++

JS

```
1 class Solution {
2   // You're given two helper functions:
3   // 1) EdTestRunner.moveDisk(fromPeg, toPeg)
4   //    It moves the top disk from fromPeg to toPeg.
5   // 2) EdTestRunner.getSparePeg(fromPeg, toPeg)
6   //    It returns the remaining spare peg.
7   public static void solveHanoi(int numDisks, String fromPeg, String toPeg) {
8   }
9 }
10 }
```



