





## Challenge: Find minimum in Subarray

Finish writing the function `indexOfMinimum`, which takes an array and a number `startIndex`, and returns the index of the smallest value that occurs with index `startIndex` or greater. If this smallest value occurs more than once in this range, then return the index of the leftmost occurrence within this range.

 Java

 Python

 C++

 JS

```
1  class Solution {
2      public static int indexOfMinimum(int[] array, int startIndex) {
3          // Set initial values for minIndex and minValue
4          // based on the leftmost element at startIndex
5          int minIndex = startIndex;
6          int minValue = array[startIndex];
7
8          // Loop over items starting from startIndex + 1
9          // updating minIndex and minValue as we go
10         for (int i = minIndex + 1; i < array.length; i++) {
11             if (array[i] < minValue) {
12                 minIndex = i;
13                 minValue = array[i];
14             }
15         }
16
17         return minIndex;
18     }
19 }
```

