Run Times for finding the Minimum Value in an array Recursively and Iteratively:

```
public\ int\ find\_min\_iterative\ () \{ \\ int\ count = 0; \to O(1) \\ for\ (int\ i = 1;\ i < arr.length;\ i++) \to O(n) \\ \{ \\ if\ (arr[i] < arr[count]) \to O(1) \\ \{ \\ count = i; \to O(1) \\ \} \\ \} return\ count;
```

The runtime of this function O(n), as this needs to iterate through all the elements in the array.

The run time of this function is O(n). Most of these lines of code run in constant time, except the recursive call, which executes 'n' times.