```
outc static int binarySearch(int[] sortedArray, int key, int low, int high) {
   int middle = (low + high) / 2;
       (high < low) {
        return
   if (key == sortedArray[middle]) {
       return middle;
    } else if (key < sortedArray[middle]) {
        return binarySearch(sortedArray, key, low, middle - 1);
    } else {
        return binarySearch(sortedArray, key, middle + 1, high);
}
```