```
int binarySearch(int[] sortedArray, int key, int low, int high) {
   middle = (low + high) / 2;
     igh < low) 4
   (key == sortedArray[middle])
   re pro middle;
  else if (key < sortedArray[middle]) {
   return binarySearch(sortedArray) key, low, middle - 1);
} else {
    return binarySearch(sortedArray, key, middle + 1, high);
```