```
class Solution {
  public int[] replaceElements(int[] arr) {
    int n = arr.length;
  int greatest = -1;
  for (int i = n - 1; i >= 0; i--) {
    int current = arr[i];
    arr[i] = greatest;
    greatest = Math.max(greatest, current);
  }
  return arr;
}
```