NEXT GREATER ELEMENT 1

```java
class Solution
{
    public int[] nextGreaterElement(int[] nums1, int[] nums2)
    {
        Stack<Integer> stack=new Stack<>();
        HashMap<Integer,Integer> map = new HashMap<>();
        for(int num:nums2)
        {
            while(!stack.isEmpty() && stack.peek()<num)
            {
                map.put(stack.pop(),num);
            }
            stack.push(num);
        }
        while(!stack.isEmpty())
        {
            map.put(stack.pop(),-1);
        }
        int[] res = new int[nums1.length];
        for(int i=0;i<nums1.length;i++)
        {
            res[i]=map.get(nums1[i]);
        }
        return res;
    }
}
```