

```
class Solution
{
    public int insert(int[] nums,int target)
    {
        int left=0;right=nums.length;
        while(left<right)
        {
            int mid=left+(right-left)/2;
            if(target>nums[mid])
            {
                left=mid+1;
            }
            else if(target<nums[mid])
            {
                right=mid-1;
            }
            else if(target==nums[mid])
            {
                return mid;
            }
        }
        return left;
    }
}
```