

```
int findPeakElement(vector<int>& nums) {  
    int start=0;  
    int end=nums.size()-1;  
    int mid=(start+end)/2;  
    while(s<e) {  
        if( nums[mid]<nums[mid+1]) {  
            start=mid+1;  
        }  
        else{  
            end=mid;  
        }  
        mid=(s+e)/2;  
    }  
    return start;  
}
```