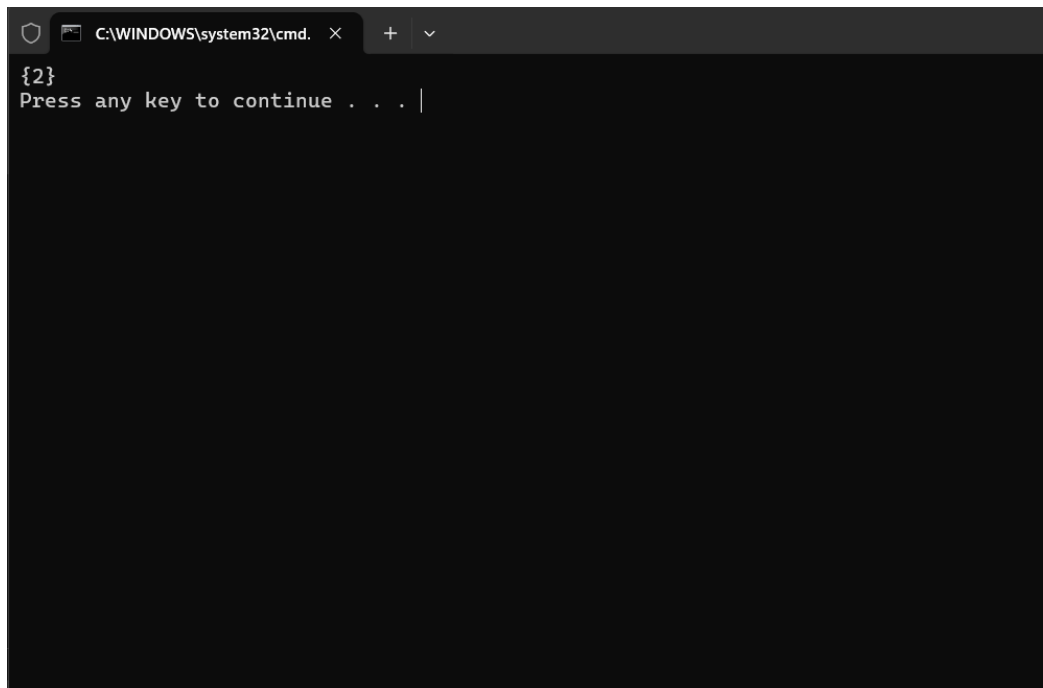


16) Given two integer arrays nums1 and nums2, return an array of their Intersection. Each element in the result must be unique and you may return the result in any order.

CODE:

```
def inter(a,b):  
    a1=set(a)  
    b1=set(b)  
    return a1.intersection(b1)  
a=[1,2,2,3]  
b=[2,2]  
print(inter(a,b))
```

OUTPUT :

A screenshot of a Windows command prompt window. The title bar shows the path 'C:\WINDOWS\system32\cmd.' and a close button. The command prompt displays the output of the Python code: '{2}'. Below the output, it says 'Press any key to continue . . . |' with a cursor. The background is black and the text is white.

TIME COMPLEXITY : $O(n)$