

lab6nb

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```
[ ]: def largest_unique_integer(nums):  
    #utilize dictionary for indexing counts  
    count = {}  
    for num in nums:  
        if num in count:  
            count[num] += 1  
        else:  
            count[num] = 1  
    max_val = -1  
    for num, i in count.items():  
        if i == 1:  
            if num > max_val:  
                max_val = num  
  
    return max_val
```

```
[ ]: print(largest_unique_integer([5, 7, 3, 9, 4, 9, 8, 3, 1]))  
print(largest_unique_integer([1, 1, 1, 2, 2, 3, 4, 4, 4]))  
print(largest_unique_integer([9, 9, 8, 8, 7, 7]))  
#Output - 8 , 3 , -1
```

8
3
-1