

125) Houses robbed without alerting the police

CODE:

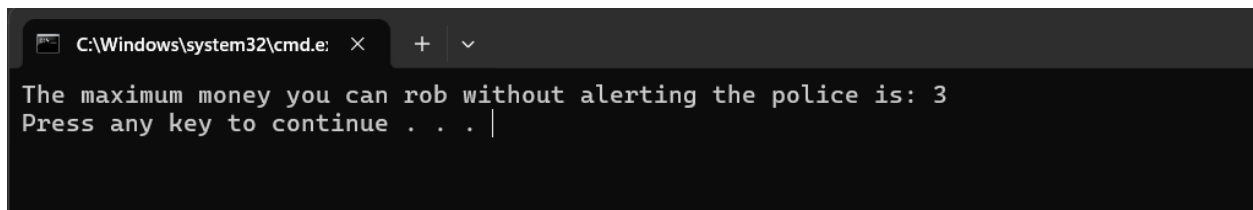
```
def rob(nums):
    if not nums:
        return 0
    if len(nums) == 1:
        return nums[0]

    def rob_range(start, end):
        rob1, rob2 = 0, 0
        for i in range(start, end):
            rob1, rob2 = rob2, max(rob1 + nums[i], rob2)
        return rob2

    return max(rob_range(0, len(nums) - 1), rob_range(1, len(nums)))

# Example
nums = [2, 3, 2]
print("The maximum money you can rob without alerting the police is:", rob(nums))
```

OUTPUT:

A screenshot of a Windows command prompt window. The title bar shows the path 'C:\Windows\system32\cmd.e' with a close button. The window contains the text: 'The maximum money you can rob without alerting the police is: 3' followed by 'Press any key to continue . . .' and a cursor. The background is dark, and the text is light gray.

TIME COMPLEXITY : $O(n)$