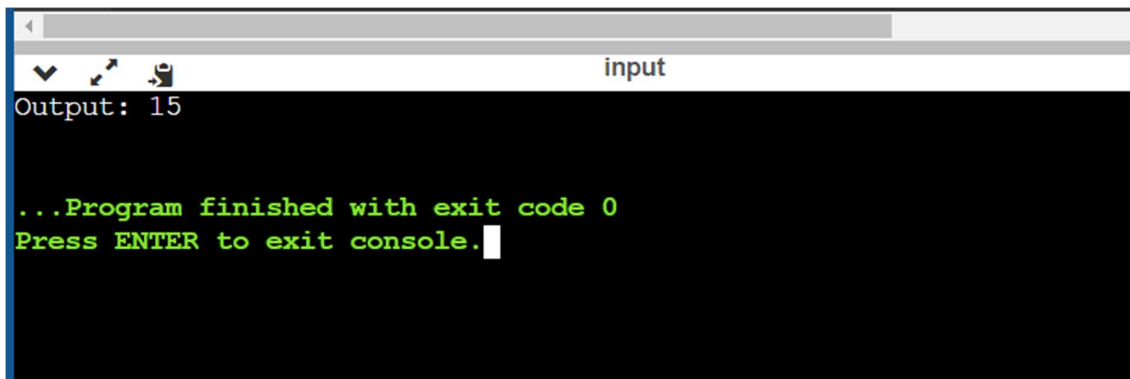


**Problem 5** You are given two arrays of non-negative integers say 'arr1' and 'arr2' of sizes N and M respectively. Find the maximum value of ( 'A' xor 'B' ) where 'A' and 'B' are any elements from 'arr1' and 'arr2' respectively and 'xor' represents the bitwise xor operation. Maximum XOR of Two Numbers in an Array.

```
def find_max_xor(arr1, arr2):  
    max_xor = 0  
    for a in arr1:  
        for b in arr2:  
            xor_result = a ^ b  
            max_xor = max(max_xor, xor_result)  
    return max_xor
```

```
arr1 = [6, 8]  
arr2 = [7, 8, 2]  
result = find_max_xor(arr1, arr2)  
print("Output:", result)
```

A screenshot of a terminal window with a title bar that says "input". The terminal has a black background with white and green text. The first line of output is "Output: 15". The second line is "...Program finished with exit code 0" in green. The third line is "Press ENTER to exit console." in green, followed by a white cursor. The terminal window has standard OS window controls (minimize, maximize, close) in the top left corner.

```
Output: 15  
...Program finished with exit code 0  
Press ENTER to exit console.
```