



```
import sys
sys.setrecursionlimit(10**7)

def max_crossing_sum(arr, left, mid, right):
    left_sum = -10**18
    s = 0
    for i in range(mid, left - 1, -1):
        s += arr[i]
        left_sum = max(left_sum, s)

    right_sum = -10**18
    s = 0
    for i in range(mid + 1, right + 1):
        s += arr[i]
        right_sum = max(right_sum, s)
```