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3BR23CA113

```
def find_farthest_coordinate(arr):
  current_position = 0
 max_distance = 0
 for i in range(len(arr)):
    current position += arr[i]
   max_distance = max(max_distance, abs(current_posit
ion))
  return max_distance
arr = list(map(int,input(). split()))
result = find_farthest_coordinate(arr)
print(result)
```

5 / 5 Test Cases Passed | 100 %

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