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Minimum Absolute Sum(p32)   🔒 locked

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✔ Test Case #0	✔ Test Case #1	✔ Test Case #2
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Submitted Code

Language: C++   ⑂ Open in editor

```
1  // Sample Input 0
2
3  // 7
```

```
 4  // -6 -5 -13 0 2 4 9
 5  // Sample Output 0
 6
 7  // -5 4
 8
 9
10
11
12
13
14  #include <iostream>
15  #include <cstdlib>
16  #include <climits>
17  using namespace std;
18
19
20  void findPair(int arr[], int n)
21  {
22      if (n < 2)
23          return;
24
25
26      int low = 0;
27      int high = n - 1;
28
29
30      int min = INT_MAX;
31      int i=0, j=0;
32      while (low < high)
33      {
34
35          if (abs(arr[high] + arr[low]) < min)
36          {
37              min = abs(arr[high] + arr[low]);
38              i = low;
```

```
39              j = high;
40          }
41
42
43          if (min == 0)
44              break;
45
46
47          (arr[high] + arr[low] < 0)? low++: high--;
48      }
49
50
51      cout<< arr[i]<< " " << arr[j]<<"\n";
52  }
53
54  int main()
55  {
56      int n;
57      cin>>n;
58      int arr[n] ;
59      for(int i=0;i<n;i++)
60          cin>>arr[i];
61      // int n = sizeof(arr)/sizeof(arr[0]);
62
63      findPair(arr, n);
64
65      return 0;
66  }
```