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My code:

```
def closestNumbers(arr):
    #choose any max_num
    smallest_pairs = []
```

```
arr.sort()
   for i in range(1,len(arr)):
       diff=abs(arr[i-1] - arr[i])
       if diff<smallest diff:</pre>
           smallest pairs = [arr[i-1], arr[i]]
       elif diff == smallest diff:
            smallest pairs.extend([arr[i-1], arr[i]])
   return smallest pairs
if name == ' main ':
   fptr = open(os.environ['OUTPUT PATH'], 'w')
   n = int(raw input())
   arr = map(int, raw input().rstrip().split())
   result = closestNumbers(arr)
   fptr.write(' '.join(map(str, result)))
   fptr.write('\n')
    fptr.close()
```