- Pairs with Positive Negative values
- pairs having positive value and negative value of a number
- If there is tie, print lexicographically smaller name.

Input:

$$n = 6$$

$$a[] = \{1, -3, 2, 3, 6, -1\}$$

Output:

- Pairs with Positive Negative values
- pairs having positive value and negative value of a number
- If there is tie, print lexicographically smaller name.

Input:

$$n = 8$$

$$a[] = \{4, 8, 9, -4, 1, -1, -8, -9\}$$

Output:



- unordered_set Positive
 unordered_set Negative
- Int n = 12
 Arr[] = { 11, -4, 4, -3, -9, 4, -4, -2, 1, 2, -4, 2 }
 unordered_set <int> s
 NOTE: it contains unique value



- unordered_set Positive
 unordered_set Negative
- Int n = 12

 Arr[] = { 11, -4, 4, -3, -9, 4, -4, -2, 1, 2, -4, 2 }

Positive = { 11, 4, 1, 2 }

unordered_set <int> s

NOTE: it contains unique value

o/p: -2, 2, -4, 4, -4, 4



Start traversing positive map

Vector < int> ans

Postive	Negative
11 -> 1	-4 -> 3
4 -> 2	-3 -> 1
2 -> 2	-9 -> 1
1 -> 1	-2 -> 1



Start traversing positive map

Vector < int> ans

Postive	Negative
11 -> 1	-4 -> 3
4 -> 2	-3 -> 1
2 -> 2	-9 -> 1
1 -> 1	-2 -> 1



2nd solution

Negative

-4 -> 3

-3 -> 1

-9 -> 1

-2 -> 1

Postive

11 -> 1

4 -> 2

2 -> 2

1 -> 1



3rd solution

vector<int> v, ans ;

Traverse array and store the negative value

$$v = \{ -4, -3, -9, -4, -2, -4 \}$$



3rd solution

vector<int> v, ans ;

Traverse array and store the negative value

$$v = \{ -4, -3, -9, -4, -2, -4 \}$$

Sort the Array

$$v = \{ -9, -4, -4, -4, -3, -2 \}$$



3rd solution

vector<int> v, ans ;

Traverse array and store the negative value

$$v = \{ -4, -3, -9, -4, -2, -4 \}$$

Sort the Array

$$v = \{ -9, -4, -4, -4, -3, -2 \}$$

Traverse from behind



3rd solution

vector<int> v, ans ;

Traverse array and store the negative value

$$v = \{ -4, -3, -9, -4, -2, -4 \}$$

Sort the Array

$$v = \{ -9, -4, -4, -4, -3, -2 \}$$

Traverse from behind



3rd solution

vector<int> v, ans ;

Traverse array and store the negative value

$$v = \{ -4, -3, -9, -4, -2, -4 \}$$

Sort the Array

$$v = \{ -9, -4, -4, -4, -3, -2 \}$$

Traverse from behind



3rd solution

vector<int> v, ans ;

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Sort the Array

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Traverse from behind



3rd solution

vector<int> v, ans ;

Traverse array and store the negative value

$$v = \{ -4, -3, -9, -4, -2, -4 \}$$

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Traverse from behind



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Traverse from behind