Find the Second largest element in an array

1. Initialize an empty list num.

```python
num=[]
```

2. Prompt the user to input the size of an array.

```python
size=int(input("Enter the size : "))
```

```
Enter the size : 5
```

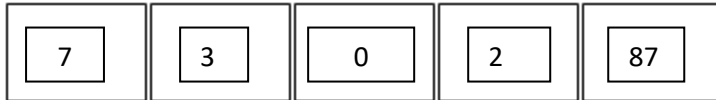|				

3. Iterate from 0 to n-1:

```python
for i in range(size):
```

   a. Prompt the user to input an element and append it to the num list.

```python
    val=int(input("Enter the elements in an array "))
    num.append(val)
```

```
Enter the elements in an array 7
Enter the elements in an array  3
Enter the elements in an array  0
Enter the elements in an array  2
Enter the elements in an array  87
```

7	3	0	2	87

4. Find the minimum value in the list 'a' using min() function and assign it to the variable minval.

```
minval = min(num)
```
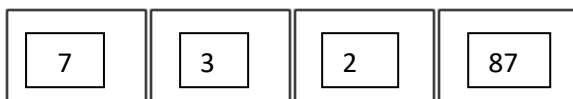
7	3	0	2	87

5. Print minval.

```
print(minval,"First minimum Value in the List")
```
0 First minimum Value in the List

6. Remove the minimum value from the list 'a' using the remove() method.

```
num.remove(minval)
```

7	3	2	87

7. Find the new minimum value in the modified list 'a' using min() function and assign it to the variable second_min.

```
second_minval=min(num)
```


8. Print the message "Minimum value in the list = " followed by the value of second_min.

```
print(second_minval,"Second minimum Value in the List")
```

2 Second minimum Value in the List