

Assignment Solution

Basic Problem Solving: Arrays and Objects



Problem Statement-1:

Write code for creating a new sorted array from two sorted arrays in $O(n+m)$ time complexity where n, m are the size of the unsorted arrays

Solutions:

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You can run the code live and test by clicking [here](#)

Problem Statement-2:

Write code for finding the smallest element in an array.

Solutions:

```
let arr=[5,4,3,6,4,2];
let smallestElem=arr[0];
for(let i=1;i<arr.length;i++){
  if(arr[i]<smallestElem){
    smallestElem=arr[i];
  }
}
console.log("Smallest element in array is ",smallestElem);
```

Output:

"Smallest element in array is ", 2

You can run the code live and test by clicking [here](#).