1.Remove the duplicate elements from the array
Ans :

```
var arr=[1,3,5,3,2,7,1]
var output=[];
arr.forEach(function(e,index){
  if(output.indexOf(e)==-1){
    output.push(e);
  }
});
 output:
[1, 3, 5, 2, 7]
```

2.find the indexes of the elements which are repeated in an array

```
var arr=[1,3,5,3,2,7,1]
var eleArr=[],indexArr=[];
arr.forEach(function(e,index){
  if(eleArr.indexOf(e)==-1){
    eleArr.push(e);
  }else{
      indexArr.push(index)

}
});
indexArr:[3,6]
```

3.if array =[6,4,3,5,2,1] then output will be [1,2,3,4,5,6]

```
for(var i=0;i<=array.length;i++){
  for(var j=0;j<array.length;j++){
    if(array[i] < array[j]){
      var temp=array[i];
              array[i]=array[j];
      array[j]=temp;
    }
 }
}

array=[1,2,3,4,5,6]
```

4.find the first element which is non repeated in a string "ashf dsham"

```
var outputChar;
var _bool=true;
arrStr.forEach(function(e){
 debugger;
  var filterOutput=arrStr.filter(function(e1){
```

```
            return e1==e;
        });
        if(filterOutput.length==1 && _bool){
          outputChar= filterOutput[0];
          _bool=false;
        }
});
```

5.the string is given as "836521" then output will be "865321" and "123568"

```
    var str="836521";
            var strArr=str.split("");
            strArr=["8", "3", "6", "5", "2", "1"]
            for(var i=0;i<strArr.length;i++){
              for(var j=0;j<strArr.length;j++){
                if(Number(strArr[i])<Number(strArr[j])){
                               var temp=strArr[i];
                    strArr[i]=strArr[j];
                    strArr[j]=temp;

              }
             }

            }
            strArr= ["1", "2", "3", "5", "6", "8"]
            var firstOutput=strArr.join(");
            var revStrArr=strArr.reverse();
            var secOutput=revStrArr.join(");
```

6.a=[1,2,3,122,343,0,4] remove first and last elementas and find the sum

```
    var sum=0;
            a.forEach(function(e,index){
              if(index != 0 && index != a.length -1){
                sum=sum+e;
              }

            });
            sum=470;
```

7.reverse of array with out using array methods
```
        var arr=[1,3,5,4,9]
        var output=[];
    for(var i=arr.length-1;i=>0;i--){
               output.push(arr[i])
            }
            output=[9,4,5,3,1];
```