```
/* ascending order */

a = prompt("enter a number to check the numbers in ascending order or not:
").split(" ").map(Number)
asc=true
for(i=0;i<a.length;i++)
{
    b = a[i]- a[i+1]
    if(b>0)
    {
        asc=false
        break
    }
}
if(asc)
{
    console.log("the given array is in ascending order: "+ a)
}
else
{
    console.log("the given array is not in ascending order: "+ a)
}

/*descending order*/
a = prompt("enter a number to check the numbers in descending order or not:
").split(" ").map(Number)
asc=true
for(i=0;i<a.length;i++)
{
    b = a[i]- a[i+1]
    if(b<0)
    {
        asc=false
        break
    }
}
if(asc)
{
    console.log("the given array is in descending order: "+ a)
}
else
{
    console.log("the given array is not in descending order: "+ a)
}
```

o/p:

```
enter a number to check the numbers in ascending order or not: 24,67,87,100,101
the given array is in ascending order: NaN
enter a number to check the numbers in descending order or not: 40 18 3 4
the given array is not in descending order: 40,18,3,4
```

```
//unsorted array:


a =[4,7,9,1]
asc=false
desc=false
for(i=0;i<a.length;i++)
{
    b = a[i]- a[i+1]
    if(b>0 )
    {
        asc=true
    }
    if(b<0)
    {
       desc=true
    }
}
if(asc && desc)
{
    console.log("the given array unsorted order: "+ a)
}
else
{
    console.log("the given array's in asc or desc : "+a)
}
```