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<script>
let arr = [];
function generateRandomInt(min,max)
{
    return Math.floor(Math.random()*(max-min+1))+min;
}
function fillMass(mass)
{
    for (let i=0;i<10;i++)
    {
        mass[i]=generateRandomInt(-10,10);
    }
    document.write(mass+"<br>");
}
fillMass(arr);
function sortInsertion(mass)
{
    for (let k=0;k<mass.length;k++)
    {
        let order=k;
        let temp;
        for(let i=mass.length-1;i>=0+k;i--)
        {
            if(mass[i]>mass[order])
            {
                order=i;
            }
        }
        temp=mass[order];
        mass[order]=mass[k];
        mass[k]=temp;
    }
    document.write(mass+"<br>");
}
sortInsertion(arr);
function modeSearch (mass)
{
    let count = 1;
    let count2 = 0;
    let modeNumber;
    for (let i=1;i<mass.length;i++)
    {
        if(mass[i]==mass[i-1])
        {
            count++;
        }
        else
        {
            if(count>count2)
            {
                count2=count;
                modeNumber=mass[i-1];
            }
            count=1;
        }
    }
    if(count>count2)
    {
        count2=count;
        modeNumber=mass[i];
    }
    document.write(modeNumber)
}
modeSearch(arr);
</script>

```

