

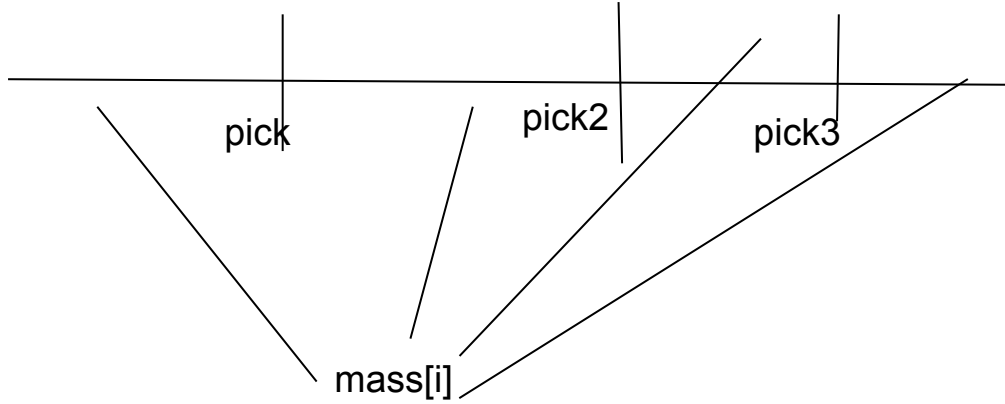
Найти третий по
величине элемент
массива



pick3=pick2;
pick2=pick;
pick=mass[i]

pick3=pick2;
pick2=mass[i];

pick3=mass[i];



```
var arr=[];
function generateRandomInt(min,max)
{
    return
    Math.floor(Math.random()*(max-min+1))+min;
}
function generateMass(mass,amount)
{
    for (var i=0;i<amount;i++)
    {
        mass[i]=generateRandomInt(-10,1
0);
    }
    document.write(mass+"<br>");
}
//generateMass(arr,10);
function showMin(mass)
{
    var pick=mass[0];
    var pick2=mass[1];
    var pick3=mass[2];
    for (var i=0;i<mass.length;i++)
    {
        if (pick>mass[i])
        {
            pick3=pick2;
            pick2=pick;
            pick=mass[i];
        }
        else if (pick2>mass[i])
        {
            pick3=pick2;
            pick2=pick;
        }
        else if (pick3>mass[i])
        {
            pick3=mass[i];
        }
    }
    document.write("pick 1= "+pick+" "+"pick2=
"+pick2+" "+"pick 3= "+pick3+" ");
}
```

<script>

```
//showMin2(arr);
function showMin2(mass)
{
    var pick=mass[0];
    var pick2Exist=0;
    var pick3Exist=0;
    var pick2, pick3;
    for (var i=1;i<mass.length;i++)
    {
        if (pick>mass[i] && pick2Exist==1)
        {
            pick3=pick2;
            pick2=pick;
            pick=mass[i];
            pick2Exist=1;
            pick3Exist=1;
        }
        else if (pick>mass[i] && pick2Exist==0)
        {
            pick2=pick;
            pick=mass[i];
            pick2Exist=1;
        }
        else
        {
            if (pick2Exist!=0 && pick3Exist!=0)
            {
                if (pick2>mass[i])
                {
                    pick3=pick2;
                    pick2=mass[i];
                }
                else if (pick3>mass[i] && mass[i]>pick2)
                {
                    pick3=mass[i];
                    /*document.write("yes"+"<br>");
                    document.write("pick 1= "+pick+" "+"pick2= "+pick2+" "+"pick 3= "+pick3+" "+"<br>");
                    break;*/
                }
            }
            else if (pick2Exist!=0 && pick3Exist==0)
            {
                if (pick2>mass[i])
                {
                    pick3=pick2;
                    pick2=pick;
                    pick3Exist=1;
                }
                else if (pick2<mass[i])
                {
                    pick3=mass[i];
                    pick3Exist=1;
                }
            }
            else if (pick2Exist==0 && pick3Exist==0)
            {
                pick2=mass[i];
                pick2Exist=1;
            }
        }
        document.write("pick 1= "+pick+" "+"pick2= "+pick2+" "+"pick 3= "+pick3+" "+"<br>");
    }
    document.write("pick 1= "+pick+" "+"pick2= "+pick2+" "+"pick 3= "+pick3+" ");
}

var massiv=[-6,2,-10,-6,-1,-1,10,1,-9,-2];
document.write(massiv+"<br>");
showMin2(massiv);

</script>
```