

# Заполнить массив степенями 2-ки 2,4,8,16,32,...

```
<script>
var y= [];
function fill_power2(mass,amount)
{
    mass[0]=2;
    for (var i=1; i<amount;i++)
    {
        mass[i]=mass[i-1]*2;
    }
}

function fill_power2_ver2(mass, amount)
{
    for (var i=0;i<amount;i++)
    {
        mass[i]=Math.pow(2,i+1);
    }
}

function fill_power2_ver3(mass,amount)
{
    var temp=2;
    for (var i=0;i<amount;i++)
    {
        mass[i]= temp;
        temp=temp*2;
    }
}

function paint_mass(mass)
{
    var i=0;
    while (i<mass.length)
    {
        document.write (mass[i] + " ");
        i++;
    }
    document.write("<br>");
}

fill_power2(y,10);
paint_mass(y);
fill_power2_ver2(y,10);
paint_mass(y);
fill_power2_ver3(y,10);
paint_mass(y);
</script>
```

