## Loop Tables

1. for (var x = 0; x <= 17; x = x + 2) {  
    console.log(2 \* x + 7);  
   }

|  |  |  |
| --- | --- | --- |
| **Loop Count** | **Value of X** | **Output** |
| 1 | 0 | 7 |
| 2 | 2 | 11 |
| 3 | 4 | 15 |
| 4 | 6 | 19 |
| 5 | 8 | 23 |
| 6 | 10 | 27 |
| 7 | 12 | 31 |
| 8 | 14 | 35 |
| 9 | 16 | 39 |

1. var alpha = 'mpeuorwr';

var s1 = '';

var s2 = '';

for (var index = 0; index < alpha.length; index++) {

if (index % 2 == 0) {

s1 = s1 + alpha.substr(index, 1);

} else {

s2 = s2 + alpha.substr(index, 1);

}

}  
console.log(s1 + s2);

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Loop Count** | **Value of Index** | **Value of s1** | **Value of s2** | **Output** |
| 1 | 0 | m |  | m |
| 2 | 1 | m | p | mp |
| 3 | 2 | me | p | mep |
| 4 | 3 | me | pu | mepu |
| 5 | 4 | meo | pu | meopu |
| 6 | 5 | meo | pur | meopur |
| 7 | 6 | meow | pur | meowpur |
| 8 | 7 | meow | purr | meowpurr |