

1. `for (var line = "#"; line.length < 8; line += "#")  
 console.log(line);`

2. `for (var n = 1; n <= 100; n++)  
 {  
 var output = "";  
  
 if (n % 3 == 0)  
  
 output += "Fizz";  
  
 if (n % 5 == 0)  
  
 output += "Buzz";  
  
 console.log(output || n);  
 }`

3. `var size = 8;  
  
var board = "";  
  
for (var y = 0; y < size; y++) {  
 for (var x = 0; x < size; x++) {  
 if ((x + y) % 2 == 0)  
 board += " ";  
 else  
 board += "#";  
 }  
 board += "\n";  
}  
  
console.log(board);`

4. `function min(a, b) {  
 if (a < b)  
 return a;  
 else  
 return b;  
}`

```
console.log(min(0, 10));  
// → 0  
console.log(min(0, -10));  
// → -10
```

5. 

```
function countChar(string, ch) {  
  var counted = 0;  
  for (var i = 0; i < string.length; i++)  
    if (string.charAt(i) == ch)  
      counted += 1;  
  return counted;  
}
```

```
function countBs(string) {  
  return countChar(string, "B");  
}
```

```
console.log(countBs("BBC"));  
// → 2  
console.log(countChar("kakkerlak", "k"));  
// → 4
```