

```
1 Go to https://js.do/
2
3 erase everything on the left:
```

```
4
5
6
7 -----
8 type this and click run:
```

```
9 -----
10
11 <script>
12
13 var x = Math.PI;
14
15 document.write(x);
16
17 </script>
```

```
18
19
20 -----
21 type this and click run:
```

```
22 -----
23
24 <script>
25
26 var x = Math.round(4.4);
27
28 document.write(x);
29
30 </script>
```

```
31
32
33 <script>
34
35 var x = Math.ceil(4.4);
36
37 document.write(x);
38
39 </script>
```

```
40
41
```

```
42 <script>
43
44 var x = Math.floor(4.4);
45
46 document.write(x);
47
48 </script>
```

```
49
50
51
52 -----
53 type this and click run:
54 -----
```

```
55
56 <script>
57
58 var x = Math.pow(8,2);
59
60 document.write(x);
61
62 </script>
```

```
63
64 -----
65 type this and click run:
66 -----
```

```
67
68 <script>
69
70 var x = Math.sqrt(144);
71
72 document.write(x);
73
74 </script>
```

```
75
76
77 -----
78 type this and click run:
79 -----
```

```
80
81 <script>
```

```
82
```

```
83 var x = Math.sqrt(144);
84
85 document.write(x);
86
87 </script>
88
89 -----
90 type this and click run:
91 -----
92
93 <script>
94
95 var x = Math.min(0, 150, 30, 20, -8, -200);
96
97 document.write(x);
98
99 </script>
100
101 #same with max
102
103
104 -----
105 type this and click run:
106 -----
107
108 <script>
109
110 var x = Math.random();
111
112 document.write(x);
113
114 </script>
115
116
117 -----
118 type this and click run:
119 -----
120
121
122 <script>
123
```

```
124 var x = Math.random()
125 document.write("My random number = " + x);
126
127 var y = x * 10;
128 document.write("<br><br>My random number times 10 = " + y);
129
130 var z = Math.floor(y);
131 document.write("<br><br>the floor of x * 10 = " + z);
132
133 </script>
134
135
136 -----
137 type this and click run:
138 -----
139
140 <script>
141
142 function getRndInteger(min, max) {
143
144     return Math.floor(Math.random() * (max - min + 1) ) + min;
145
146 }
147
148 document.write(getRndInteger(20,50));
149
150 </script>
151
```