

Javascript command	Output / Result
1) document.write ("Hello world") // string output	<b>Hello world</b>
2) document.write ("2 + 3 = ", 2+3) // calculation and numeric output	<b>2 + 3 = 5</b>
3) document.write ("√2 = ", Math.sqrt(2), " or ", Math.SQRT2) // square root	<b>√2 = 1.4142135623730951 or 1.4142135623730951</b>
4) document.write ("2"+"0.5".sup()+" = ", Math.pow(2,0.5)) // Powers	<b>2<sup>0.5</sup> = 1.4142135623730951</b>
5) var D2R = Math.PI/180 document.write ("Sin(60°) = ", Math.sin(60*D2R)) // Trig functions	<b>Sin(60°) = 0.8660254037844386</b>
6) document.write ("Log(2) = ", Math.log(2)/Math.log(10)) // Log is the natural log LN	<b>Log(2) = 0.30102999566398114</b>
7) var x=3, y=5; z=x+y; a="3"; b=a+y document.write ("x = ", x, "; y = ", y, "; z = ", z, "; b = ", b) // variable assignment	<b>x = 3; y = 5; z = 8; b = 35</b>
8) document.write ("b = ",b, " ") if (b>8) { document.write ("is bigger than 8")} else {document.write ("ain't")} // if else	<b>b = 35 is bigger than 8</b>
9) document.write ("z = ",z, " ") if (z>8) { document.write ("is bigger than 8")} else {document.write ("ain't")} // if else	<b>z = 8 ain't</b>
10) document.write ("x = ", x=2 ) while (x<6) {x = x+1; document.write ( " ", x )} document.write (" [no more]") // while	<b>x = 2, 3, 4, 5, 6 [no more]</b>
11) for ( x = 2; x<8; x++ ) document.write ((x==2 ? "x = " : " ", x ) document.write (" [no more]")) // for statement // x++ is the same as x += 1 which is the same as x = x + 1	<b>x = 2, 3, 4, 5, 6, 7 [no more]</b>
12) document.write ("x = ") for ( x = 2, document.write (x); x<6; document.write ( " ", ++x)); // cute, no?	<b>x = 2, 3, 4, 5, 6</b>
13) days = ["Sun", "Mon", "Tue", "Wed", "Thu", "Fri", "Sat"] months = ["Jan", "Feb", "Mar", "Apr", "May", "Jun", "Jul", "Aug", "Sep", "Oct", "Nov", "Dec"] d = new Date(); year = String(d.getFullYear()); day = d.getDay(); month = d.getMonth() document.write("Today, ", month+1, "/", d.getDate(), "/", year.substr(2,2), " document.write(" is ", days[day], " ", months[month], " ", d.getDate(), " ", year); // a raise	<b>Today, 1/25/13, is Fri, Jan 25, 2013</b>
14) document.write ("x = ", x=2 ) do {x = x+1; document.write ( " ", x )} while (x<6) // do .. while	<b>x = 2, 3, 4, 5, 6</b>