Javascript command	Output / Result
1) document.write ("Hello world") // *string output*	**Hello world**
2) document.write ("2 + 3 = ", 2+3) // *calculation and numeric output*	**2 + 3 = 5**
3) document.write ("√2 = ", Math.sqrt(2), " or ",Math.SQRT2) // *square root*	**√2 = 1.4142135623730951 or 1.4142135623730951**
4) document.write ("2"+"0.5".sup()+" = ", Math.pow(2,0.5)) // *Powers*	$\mathbf{2^{0.5} = 1.4142135623730951}$
5) var D2R = Math.PI/180; document.write ("Sin(60°) = ", Math.sin(60*D2R)) // *Trig functions*	**Sin(60°) = 0.8660254037844386**
6) document.write ("Log(2) = ", Math.log(2)/Math.log(10)) // *Log is the natural log LN*	**Log(2) = 0.30102999566398114**
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*	**x = 3; y = 5; z = 8; b = 35**

8) var z=9; document.write ("z = ",z," ");
   if (z>8) { document.write ("is bigger than 8")};
   else {document.write ("ain't")} // *if else*
	z = 9 is bigger than 8

9) var z=8; document.write ("z = ",z," ");
   if (z>8) { document.write ("is bigger than 8")};
   else {document.write ("ain't")} // *if else*
	z = 8 ain't

10) document.write ("x = ", x=2);
   while (x<6) {x = x+1; document.write (", ", x)};
   document.write (" [no more]") // *while*
	x = 2, 3, 4, 5, 6 [no more]

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
	x = 2, 3, 4, 5, 6, 7 [no more]

12) document.write ("x = "); for (x = 2, document.write (x); x<6; document.write (", ", ++x)); // *cute, no?*	**x = 2, 3, 4, 5, 6**

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*
	Today, 6/11/21, is Fri, Jun 11, 2021

14) document.write ("x = ", x=2); do {x = x+1; document.write (", ", x)} while (x<6) // *do .. while*	**x = 2, 3, 4, 5, 6**

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