5 > 4 && false

true&& false

false

true && 5 \* 2 > 3 + 3 \* 2

true && 10 > 3+6

true && 10>9

true & 10>9

true&&true

true

true && 5 \* 2 > (3 + 3) \* 2

true && 10 > 6\*2

true && 10 > 12

true && false

false

true && true || false

true && true is true or false

true && true is true

true&& true

true

true && (true || false)

true && true or false is true

true && true or true

true && true

true

false && false || true

false && false or true

false && true

false

false && (false || true)

false && (false or true)

false && false

false

(false && false) && false && (true || false) || false

(false && false) && false &&(true or false) or false

(false && false) && false &&(true) or false

(false) && false && true

false and false

false

4 == "4"

4=4

true

4 == "4" || 4 == 4

4==4 or 4==4

4=4 or 4=4

true

10 % 3 == 10.0 % 3

true

10 \* (5 / 2.0) == 10.0 \* (5 / 2)

10\*(2.5)==10.0\*(2.5)

25==25.0

true

10 \* 5 / 2 > 10 \* (5 / 2)

50 / 2 > 10 \* 2.5

25 > 25

false

2 \* 2 \*\* 3 == (2 \* 2) \*\* 3

2\*23==4\*\*3

2\*8=43

16=64

false

(10 - 4) < +6 || -(2 \* -4) > 0

(6) < + 6 or –(-8) > 0

6 < 6 or 8 > 0

false|| true

true

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 |

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);}

}

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| loop value | value of index | value of s1 | value of s2 | output |
| 1 | 0 | m |  | m |
| 2 | 1 |  | p | pm |
| 3 | 2 | e |  | epm |
| 4 | 3 |  | u | uepm |
| 5 | 4 | o |  | ouepm |
| 6 | 5 |  | r | rouepm |
| 7 | 6 | w |  | wrouepm |
| 8 | 7 |  | r | rwrouepm |