

January																								
W	S	M	T	W	T	F	S	W	S	M	T	W	T	F	S	W	S	M	T	W	T	F	S	
																9						1	2	3
1		1	2	3	4	5	6	5								10	4	5	6	7	8	9	10	
2	7	8	9	10	11	12	13	6	4	5	6	7	8	9	10	11	11	12	13	14	15	16	17	
3	14	15	16	17	18	19	20	7	11	12	13	14	15	16	17	12	18	19	20	21	22	23	24	
4	21	22	23	24	25	26	27	8	18	19	20	21	22	23	24	13	25	26	27	28	29	30	31	
5	28	29	30	31				9	25	26	27	28												

Assignment - 2

TASKS

المهام

Q1 Lexical Structure?

→ In JS Lexical Structure is a set of elementary rules that specifies how we can write a programming language. ~~Ex~~ it is case sensitive, line breakers, spaces, literals, identifiers, reserve keyword and semicolons (is a optional, but it's recommended to use).

Q2 what is unicode.

→ The unicode is a identifying the character or symbol.

NOTES

ملاحظات

The JS supports the unicode values. It is a 32-bit character.

~~Ex~~~~const uni = 'u0'~~

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const uni = 'u0065'

console.log(uni);

Q3 JavaScript keywords.

→ Present ES5 & ES6 multiple keywords are available.

~~Ex~~ In JS keywords we cannot use as variables.

~~Ex~~ let, const, for, of, implements,

function, var, this, for, do, while, break,

instance of, super, enum, else, in, new, return,

continue, delete, switch, throw, package,

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WEEK 08

April	أبريل	May	مايو	June	يونيو
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
1 2 3 4 5 6 7	1 2 3 4 5 6 7	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5 6 7 8 9	1 2 3 4 5 6 7 8 9
8 9 10 11 12 13 14	8 9 10 11 12 13 14	6 7 8 9 10 11 12	6 7 8 9 10 11 12	10 11 12 13 14 15 16	10 11 12 13 14 15 16
15 16 17 18 19 20 21	15 16 17 18 19 20 21	13 14 15 16 17 18 19	13 14 15 16 17 18 19	17 18 19 20 21 22 23	17 18 19 20 21 22 23
22 23 24 25 26 27 28	22 23 24 25 26 27 28	20 21 22 23 24 25 26	20 21 22 23 24 25 26	24 25 26 27 28 29 30	24 25 26 27 28 29 30
29 30	29 30	27 28 29 30 31	27 28 29 30 31		

Q4 Shorthand operators in JS, TASKS

→ The shorthand operator is short way to express the operators.

Ex: Assignment operator.

Example

+ = Addition Assignment ——— $x += 5 \Rightarrow x = x + 5$

- = Subtract Assignment ——— $x -= 3 \Rightarrow x = x - 3$

* = Multiplication Assignment. ——— $x *= 5 \Rightarrow x = x * 5$

/ = Division Assignment ——— $x /= 5 \Rightarrow x = x / 5$

% = Modulus Assignment ——— $x \% 5 \Rightarrow x = x \% 5$

Q5 Use strict mode in JS?

NOTES

ملاحظات

→ The "use strict" mode introduced in JS.

(ESMA script 5) it can decrease with "use strict";

If we 'use strict mode' in code some minor failing assignments it throw an error in strict mode.

Ex: `NaN = 5` - it gives error.

Ex: ① function isStrict() {

return !this; → it gives error because this refers to an global object & it is false.

② function isStrict() {

"use strict";
return !this; → It gives no error because in strict mode this keyword

will not refer to the global object it gives undefined - so this becomes false.