W1D3 Selection Assignment

Naha LeelaBeing

From Reading

1. What happens when you forget a break while using switch statement?

Naha: If a break in switch block is forgotten, then the script will run from the case where the criterion is met and will run through the cases after that regardless if a criterion was met.

2. What will be the output of running following code?

var foo = 0;

switch (foo) {

case -1:

console.log('negative 1');

break;

case 0:

console.log(0); case 1:

console.log(1);

break;

case 2:

console.log(2);

break;

default:

console.log('default'); }

Naha:

The output is:

0

1

In case 0, where the condition is met, but no break key after it, so it runs through to case 1 even the condition does not meet. Then there is a break keyword and it jumps out from The switch block.

1. Will output change if value of foo is a ‘0’ (0 in quotes) instead?

Naha: Yes, the output change to “default”. Because there is no any case meet the condition.

Defining Table for Question 4

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| --- | --- | --- |
| Question 4 | Defining Table |  |
| input | processing | output |
| 1, Status:  One of students, faculty, and public   1. Number of books Overdue integer | For each status, process based on the number of boos overdue: 0, fewer than 3, and 3 or more | Loan duration in weeks |

Defining Table for Question 5

|  |  |  |
| --- | --- | --- |
| Question 5 | Defining Table |  |
| input | processing | output |
| 1, age of children  2, season | Based on child’s age and season determine bed time. | Suggested bed time. |