W1d3Assignment

Part 1

4 A university library that loans book to students, faculty, and the public has a written policy that determines how long someone may borrow a book before it is due, which is shown on the table below. Write a defining table and JavaScript program that determines how long a person may borrow a book.

|  |  |  |
| --- | --- | --- |
| Inputs | Process | outputs |
| Students  Faculty  Others  Number of books | Calculate the total books that are not returned for each individual | Determine the loan duration depending on the overdue |

5, Write a defining table and then a program that determines what time a child should go to bed. Your program must read a child’s age and the season (winter, spring, summer, or fall) from the keyboard and output the child’s bedtime according to this table:

|  |  |  |
| --- | --- | --- |
| Input | Process | Outputs |
| Child’s age  season | Compare the child’s age with the winter to determine the bedtime | Bedtime |

Part 2

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

If we forget break all statements below the current line will also executed even the condition is 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');

}

The output will be 0 and 1 because there is no break point after the console.log (0)

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

The output is changed in to default.