**Question 1 Answer->**

The output will be “Goodbye” which will be printed in the HTML page.

**Explanation->**

In the given HTML Code, under the script section, there are three functions namely show(), myfirst() and mySecond().

Under show() function, it takes a variable named “some” as a parameter. It will render the value of the ‘some’ variable in the innerHTML of demo, which is a para in the HTML code.

Under myFirst() function, it calls show function by passing “Hello” as a parameter.

Under mySecond() function, it calls show function by passing “Goodbye” as a parameter.

And then , myFirst() is called first, and then mySecond() is called. So, after rendering “Hello”, it will render “Goodbye” in the HTML Page. If mySecond() was called first, and then myFirst() was called, then it would have rendered “Hello” after rendering “Goodbye”.

**Question 2 Answer->**

<!DOCTYPE html>

<html>

<body>

    <p id="demo"></p>

    <script>

        function show(X) {

            document.getElementById("demo").innerHTML = X;

        }

        {/\* Using a callback, call the calculator function (myCalculator)

and let the calculator function run the callback after the calculation is

finished \*/}

        function myCalculator(a, b, callBackResults) { /\*Complete calculator function and run the

callback \*/

            var add\_results = a + b;

            var sub\_results = a - b;

            var mul\_results = a \* b;

            var div\_results = a / b;

            var results = {

                addition: add\_results,

                substraction: sub\_results,

                multiplication: mul\_results,

                division: div\_results,

            };

            if (callBackResults && typeof (callBackResults) == 'function') {

                callBackResults(results);

            }

        }

        myCalculator(10, 2);

        myCalculator(10, 2, function (res) {

            console.log(res.addition);

            show(res.addition);

        })

    </script>

</body>

</html>