Question 1:

Implement the function sumMaxMin, which should take 5 numbers as input and return its result as sum of max and min element of those 5 numbers (Use JS In built functions)

```
function sumMaxMin(val1,val2,val3,val4,val5){
        let numbers = [val1,val2,val3,val4,val5];
        let minValue = Math.min(...numbers);
        let maxValue = Math.max(...numbers);
        return(minValue+maxValue);
}
```

Question 2:

What will be the output of the following snippet?

```
<!DOCTYPE html>
<html>
<body>

<p id="demo"></p>

<script>
function show(some) {
  document.getElementById("demo").innerHTML = some
}

function myFirst() {
  show("Hello")
}

function mySecond() {
  show("Goodbye")
}

myFirst();
mySecond();
</script>

</body>
</html>
```

O/P: Goodbye

Explanation :- A paragraph element with id “demo” will get be created then with first function call(myFirst()) “Hello” will get replaced in p tag with “demo” as id then second function(mySecond()) will replace “Goodbye” in p tag with “demo”

Asynchronous:

Normal or Synchronous code will pause execution at the point where a particular piece of code(like db request, or waiting for file to load) will consume a time to give response and because of that further code will also stop getting excuted until that time taking response is received. So it impacts overall performance and create delays in response.

Here Asynchronous code will not pause further execution and both task(getting response from that time consuming code and further code) with be executed simultaneously. So it optimizes the performance and gives overall better results.

Callbacks:

Simply callback is a function which is passed in other function as value and this callback function will be excuted on particular event in other function (eg:- when other function completes its task callback function will be executed)