

Semester Exam

Exercise 1 (8 pts)

The following table consists of 5 columns and 4 rows. We then merged some cells as shown in the figure.

- Give the HTML code to create the following table

Header 1	Header 2	Header 3	Header 4	Header 5
Apple		Banana	Orange	Strawberry
Mango	Kiwi	Watermelon	Pear	Pineapple
Dragon fruit		Peach		

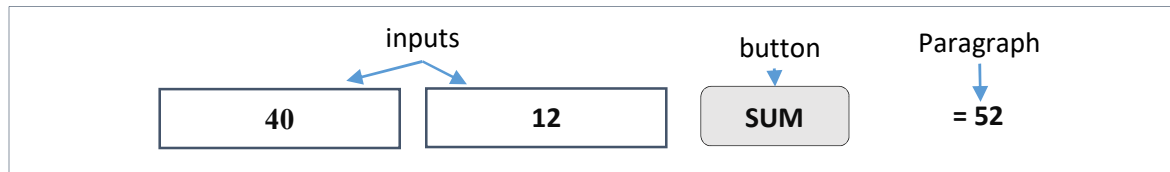
- Describe the cascading order of CSS styles with examples. What has the highest priority?
- Explain the difference between inline and block elements. Give 3 examples of each.

Exercise 2 (7pts)

- The following JavaScript code contains a number of errors. The task is to find the errors and rewrite the code after correcting them.

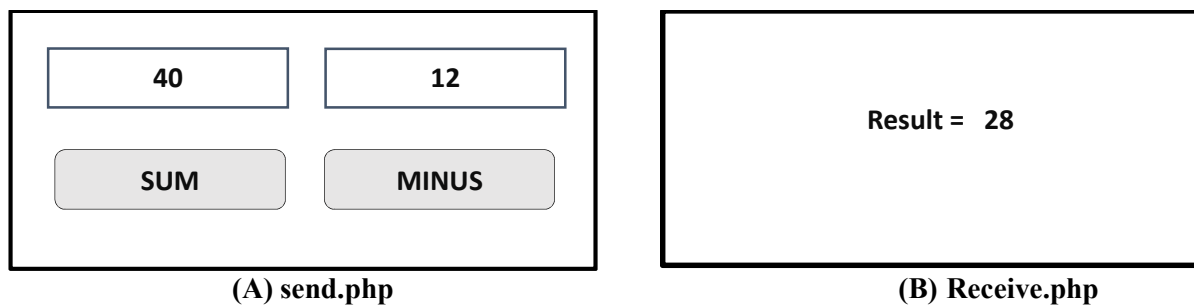
```
Let userName = "John Doe";
function greetUser() {
    return 'Hello, ' + userName + '! Welcome to ${new Date().getFullYear()}'; }
function checkAge(age) {
    if (age == "18") {
        return "You're exactly 18!";
    } else if (age > 18) {
        return "You're an adult";
    } else {
        return "You're a minor";
    }
}
document.getElementById"output".innerHTML = greetUser();
console.log(checkAge("18"));
```

- Give the **HTML code** to display the elements in the next Figure, as well as the Javascript **sum()** function which, when the "**SUM**" button is clicked, displays the sum of the two numbers entered.



Exercise 3 (5pts)

The following Figure shows two PHP pages: **send.php** and **receive.php**. The first page, "**send.php**," contains a form with two inputs for entering two numbers (**a** and **b**) and uses the **POST method** to send the data to the "**receive.php**" page. If the user clicks the "**SUM**" button, the "**receive.php**" page displays the **sum (a+b)**, and when they click the "**MINUS**" button, that page displays the **subtraction (a-b)**.



- Give the source code for the two pages **send.php** and **receive.php**