- **Complete code for submit() function**

```javascript
function submit()
{
    var display_student_array = [];

    for (var j = 1; j <= 4; j++)
    {
        var name_of_the_student = document.getElementById("name_of_the_student_"+j).value;
        console.log(name_of_the_student);
        name_of_the_student_array.push(name_of_the_student);
    }

    console.log(name_of_the_student_array);

    var lenght_of_name_of_students_array = name_of_the_student_array.length;
    console.log(lenght_of_name_of_students_array);

    for (var k = 0; k < lenght_of_name_of_students_array; k++)
    {
        display_student_array.push("<h4>NAME - "+ name_of_the_student_array[k] + "</h4>");
        console.log(display_student_array);
    }

    console.log(display_student_array);
    document.getElementById("display_name_with_commas").innerHTML = display_student_array;

    var remove_commas = display_student_array.join(" ");
    console.log(remove_commas);
    document.getElementById("display_name_without_commas").innerHTML = remove_commas;


    document.getElementById("submit_button").style.display = "none";
    document.getElementById("sort_button").style.display = "inline-block";
}
```
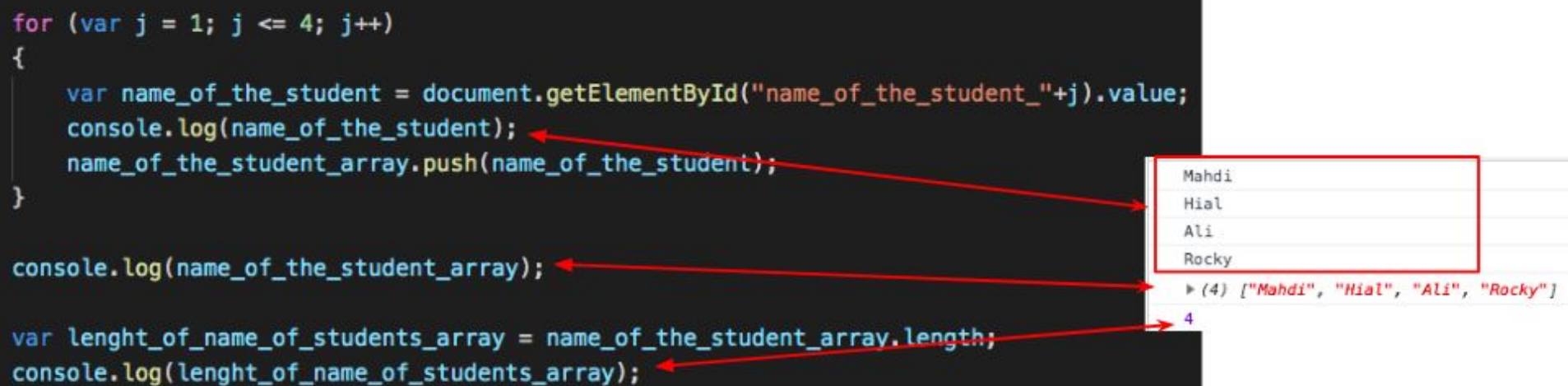
Output -

```javascript
for (var j = 1; j <= 4; j++)
{
    var name_of_the_student = document.getElementById("name_of_the_student_"+j).value;
    console.log(name_of_the_student);
    name_of_the_student_array.push(name_of_the_student);
}

console.log(name_of_the_student_array);

var lenght_of_name_of_students_array = name_of_the_student_array.length;
console.log(lenght_of_name_of_students_array);
```

```
Mahdi
Hial
Ali
Rocky
▶ (4) ["Mahdi", "Hial", "Ali", "Rocky"]
4
```

```
for (var k = 0; k < lenght_of_name_of_students_array; k++)
{
    display_student_array.push("<h4>NAME - "+ name_of_the_student_array[k] + "</h4>");
    console.log(display_student_array);
}

console.log(display_student_array);
document.getElementById("display_name_with_commas").innerHTML = display_student_array;

var remove_commas = display_student_array.join(" ");
console.log(remove_commas);
document.getElementById("display_name_without_commas").innerHTML = remove_commas;
```

- **Code for sorting() function**

```
function sorting()
{
    name_of_the_student_array.sort();
    console.log(name_of_the_student_array);

    var display_student_array_sorting = [];

    var lenght_of_name_of_students_array = name_of_the_student_array.length;
    console.log(lenght_of_name_of_students_array);

    for (var k = 0; k < lenght_of_name_of_students_array; k++)
    {
        display_student_array_sorting.push("<h4>NAME - " + name_of_the_student_array[k] + "</h4>");
        console.log(display_student_array_sorting);
    }

    var remove_commas = display_student_array_sorting.join(" ");
    console.log(remove_commas);

    document.getElementById("display_name_without_commas").innerHTML = remove_commas;
}
```

Output -

```javascript
for (var k = 0; k < lenght_of_name_of_students_array; k++)
{
    display_student_array_sorting.push("<h4>NAME - " + name_of_the_student_array[k] + "</h4>");
    console.log(display_student_array_sorting);
}

var remove_commas = display_student_array_sorting.join(" ");
console.log(remove_commas);

document.getElementById("display_name_without_commas").innerHTML = remove_commas;
}
```

```
▸ (4) ["Ali", "Hial", "Mahdi", "Rocky"]                                    Tmain.
  4                                                                        Tmain.
▸ ["<h4>NAME - Ali</h4>"]                                                  Tmain.
▸ (2) ["<h4>NAME - Ali</h4>", "<h4>NAME - Hial</h4>"]
                                                                           Tmain.
▸ (3) ["<h4>NAME - Ali</h4>", "<h4>NAME - Hial</h4>",
      "<h4>NAME - Mahdi</h4>"]
                                                                           Tmain.
▸ (4) ["<h4>NAME - Ali</h4>", "<h4>NAME - Hial</h4>",
      "<h4>NAME - Mahdi</h4>", "<h4>NAME - Rocky</h4>"]
  <h4>NAME - Ali</h4> <h4>NAME - Hial</h4>                                 Tmain.
  <h4>NAME - Mahdi</h4> <h4>NAME - Rocky</h4>
```

NAME - Ali

NAME - Hial

NAME - Mahdi

NAME - Rocky