

Experiment 3: JavaScript

Aim: Basic program to depict JavaScript.

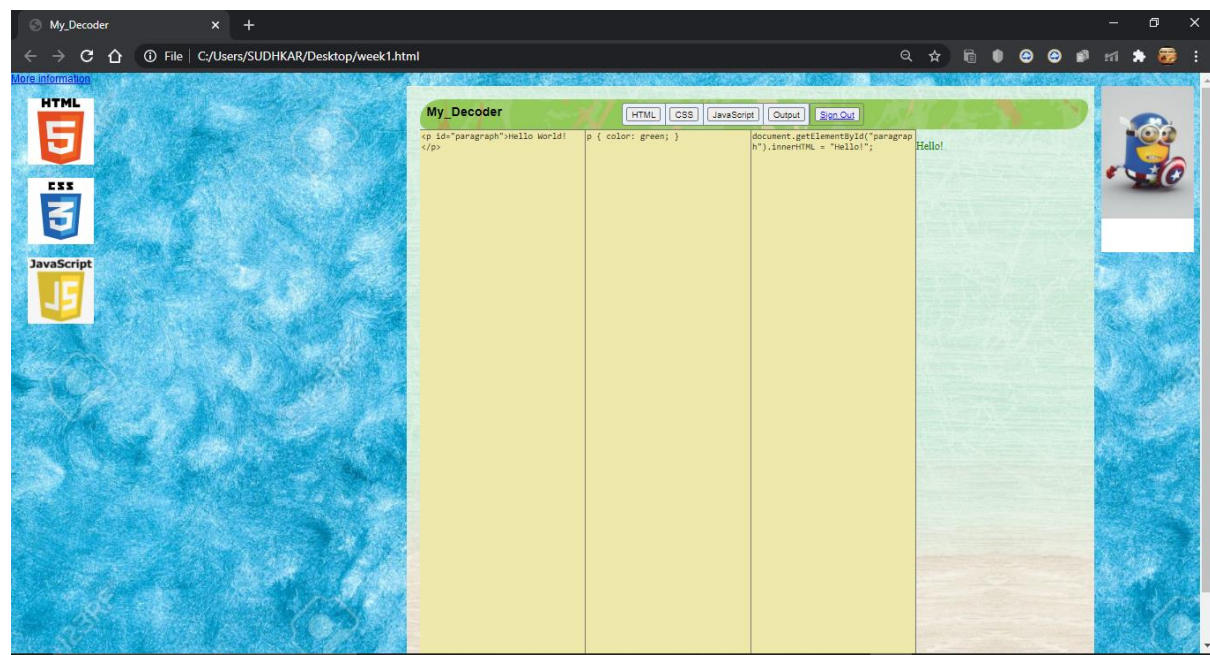
Tags Used:

<script>

Document.getElementById()// function

Implementation:

Output



Code

```
<script type="text/javascript">
```

```
function updateOutput() {
```

```
$("#iframe").contents().find("html").html("<html><head><style type='text/css'>" +  
$("#cssPanel").val() + "</style></head><body>" + $("#htmlPanel").val() +  
"</body></html>");
```

```
document.getElementById("outputPanel").contentWindow.eval($("#javascriptPanel").val());
```

```
}
```

```
$(".toggleButton").hover(function() {
```

```
$(this).addClass("highlightedButton");
```

```
}, function() {
```

```
    $(this).removeClass("highlightedButton");
```

```
});
```

```
$(".toggleButton").click(function() {
```

```
    $(this).toggleClass("active");
```

```
    $(this).removeClass("highlightedButton");
```

```
    var panelId = $(this).attr("id") + "Panel";
```

```
    $("#" + panelId).toggleClass("hidden");
```

```
    var numberOfActivePanels = 4 - $(''.hidden').length;
```

```
    $(".panel").width(($("#square").width() / numberOfActivePanels)-3);
```

```
}}
```

```
$(".panel").height($("#square").height() - $("#header").height());
```

```
$(".panel").width(($("#square").width() / 2)-3);
```

```
updateOutput();
```

```
$("#textarea").on('change keyup paste', function() {
```

```
    updateOutput();
```

```
});
```

```
</script>
```

Result:The experiment was successfully completed.