

## FOSP Lab Sheet

### IV Semester

### BE Computer

### Labsheet#6

#### Objective

1. To learn basic features (writing JS code, variables, selective statement, array, loop) of JavaScript.
2. Using Functions in JavaScript.

1. Type the following code & discuss the output:

```
01.html x
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>JS</title>
5 </head>
6 <body style="text-align: center; color: #1362AD;">
7   <script type="text/javascript">
8     document.write("<h1>Khwopa Engineering College</h1>");
9     document.write("<h3 style='color: #F00;'>Welcome to Khwopa!</h3>");
10  </script>
11 </body>
12 </html>
```

2. Write an HTML/CSS code to generate following output and explain about variables, concatenation in JavaScript:

```
02.html x
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>Variables in JS</title>
5 </head>
6 <body style="text-align: center; color: #1362AD;">
7   <script type="text/javascript">
8     var a = "FOSS";
9     var b = "Proprietary Software";
10    document.write("<h1>" + a + " vs. " + b + "</h1>");
11  </script>
12 </body>
13 </html>
```

**Assignment 2.1:** Display a message “Plane Hijacked!” using three variables and the statement should contains “!” sign in write statement.

3. Write a "Good Morning!" greeting if the time is less than 12.

```
03.html x
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>Selective Statement in JS</title>
5 </head>
6 <body style="text-align: center; color: #28a745;">
7   <script type="text/javascript">
8     //Write a "Good Morning!" greeting if
9     //the time is less than 12
10    var d = new Date();
11    var time = d.getHours();
12    if (time<12) {
13      document.write("<h1>Good Morning!</h1>");
14    }
15  </script>
16 </body>
17 </html>
```

4. Write an HTML/CSS/JS code to display the appropriate message (Good Morning/Good Afternoon/Good Evening).
5. Write JS code to calculate area of circle, rectangle and triangle where necessary parameters should enter from textbox.
6. Write a program which includes a *functionAdd()*. It should take arbitrary number of parameters and return the result by adding all the parameters. Use browser message box to display the output.
7. Write JS code to display 10 students name stored in array. The function should be invoked during body load.
8. Demonstrate various loops used in JavaScript.