

## Day 3 Assignment

### JavaScript Essentials

**Question 1: Take a number from a user and write a function which checks whether the number is even or odd. Assign the result to a variable and log that variable in the console.**

**Answer:**

```
let number = prompt("enter a number:");

function number_check(n) {
    if (n % 2 == 0)
        return 1;
    else
        return 0;
}

let isEven = number_check(number);

if (isEven)
    console.log("The number entered is ", number, "and Number is even.");
else
    console.log("The number entered is ", number, "and Number is odd.");
```

**Question 2: Write a program which will take OS name and version from the user separated by a space. Then log the OS name and version on the console.**

**Answer:**

```
let os_name = prompt("Write os name with version:");
let os = os_name.split(" ");

console.log("The OS name is ", os[0], " and version is ", os[1]);
```

**Question 3: Write a program to take marks as input from the user and grade him accordingly. Use conditional statements. Also, the same code using switch or ternary.**

**Answer:**

```
let marks = prompt("Enter your marks:");

if (marks > 90)
    console.log("Marks are ", marks, " and grade is A");

else if (marks <= 90 && marks > 75)
    console.log("Marks are ", marks, " and grade is B");

else if (marks <= 75 && marks > 50)
    console.log("Marks are ", marks, " and grade is C");

else if (marks <= 50 && marks > 30)
    console.log("Marks are ", marks, " and grade is D");

else
    console.log("Marks are ", marks, " and grade is F");
```