**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");