1. let baseSalary = 30000;

let role = 'hr';

if (role === 'manager') {

baseSalary = baseSalary \* 1.15;

console.log('Manager: New Salary is $' + baseSalary);

} else if (role === 'hr') {

baseSalary = baseSalary \* 1.10;

console.log('HR: New Salary is $' + baseSalary);

} else if (role === 'dev') {

baseSalary = baseSalary \* 1.20;

console.log('Dev: New Salary is $' + baseSalary);

} else {

console.log('Unknown role: No salary increase');

}

2.

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

</head>

<body>

    <script>

var gen = prompt("Please enter your gender (male/female):");

if (gen === "male") {

    var age = prompt("Please enter your age:");

    age = parseInt(age);

    if (age >= 21) {

        console.log("You are eligible for marriage.");

    } else {

        console.log("You are not eligible for marriage.");

    }

} else if (gen === "female") {

    var age = prompt("Please enter your age:");

    age = parseInt(age);

    if (age >= 18) {

        console.log("You are eligible for marriage.");

    } else {

        console.log("You are not eligible for marriage.");

    }

} else {

    console.log("Not allowed.");

}

    </script>

</body>

</html>

3.

// let hexa=0x1234;

// console.log(hexa);

output:4660

// let oct=0o345;

// console.log(oct);

output:229

// let bin=0b10101;

// console.log(bin);

 output:21