# Html

**Que 1-**

<html>

<head>

 < meta charset=”quot;UTF-8”>

 <script src=”script.js”></script>

 <!-- <link rel=”stylesheet” type”text/css” href=”styles.css”> -->

  </head>

<body>

 <h1>Assignment</h1>

 <a href=<http://example.com/rss.xml>>”Link to list\_graphic\_bullets.htm</a><br>

 <a href=<https://www.amazon.com>>www.Amazon.com</a><br>

  <a href=””></a>

</body>

</html>

**Que 2:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

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

<title>HTML</title>

</head>

<body>

<div>

<ol>

<li><strong>one</strong>

<ol type="a">

<li>uno</li>

<li>hanna</li>

</ol>

</li>

<li><strong>two</strong>

<ol type="a">

<li>dos</li>

<li>dool</li>

</ol>

</li>

<li><strong>three</strong>

<ol type="a">

<li>tres</li>

<li>set</li>

</ol>

</li>

</ol>

</div>

<div>

<ul>

<li>Chevy</li>

<ul>

<li>Cavalier</li>

<li>Malibu</li>

</ul>

</li>

<li>Ford

<ul>

<li>Escort</li>

<li>F100</li>

</ul>

</li>

<li>Mazda

<ul>

<li>626</li>

</ul>

</li>

</ul>

</div>

<div>

<p><u>Fruit</u>

<dd>

Apples, Oranges, Pears, Plums

</dd></p>

</div>

<div>

<p><u>Vegetables</u>

<dd>

<dl>Corn

<dd><i>on the cob</i></dd>

<dd><i>Cream</i></dd>

</dl>

<dl>

<dt>Carrots</dt>

<dt>Green Beans</dt>

</dl>

</dd>

</p>

</div>

</body>

</html>

# Javascript

# Problem Statement 1

**Questions 1&2:**

document.getElementById("myBtn").onclick = function(){

let isValid = true;

let afterColor = document.getElementById("after");

let nameValidation = document.getElementById("name-validation");

let nameValidation2 = document.getElementById("name-validation2");

let emailValidation = document.getElementById("email-validation");

let emailValidation2 = document.getElementById("email-validation2");

let descriptionValidation = document.getElementById("desc-validation");

let descriptionValidation2 = document.getElementById("desc-validation2");

let optionsValidation = document.getElementById("options-validation");

let optionsValidation2 = document.getElementById("options-validation2");

let radioValidation = document.getElementById("radio-validation");

let radioValidation2 = document.getElementById("radio-validation2");

let checkValidation = document.getElementById("check-validation");

let checkValidation2 = document.getElementById("check-validation2");

let nameInput = document.getElementById("name").value;

let emailInput = document.getElementById("email").value;

let descInput = document.getElementById("description").value;

let opInput = document.getElementById("options").value;

let radioInput = document.getElementById("radio-check").value;

let checkInput = document.getElementById("check-box").value;

if(nameInput.length == 0 || nameInput == null){

nameValidation.innerText = "Input field is not valid";

nameValidation2.innerText = "Input field is not valid";

isValid = false;

}else{

nameValidation.innerText = "Input is okay";

nameValidation2.innerText = "Input is okay";

}

// console.log(nameInput);

// console.log(nameValidation);

if(emailInput.length == 0 || emailInput == null || !emailInput.includes("@")){

emailValidation.innerHTML = "Email field is not valid. It should contain @";

emailValidation2.innerHTML = "Email field is not valid. It should contain @";

isValid = false;

}else{

emailValidation.innerHTML = "Email field is okay"

emailValidation2.innerHTML = "Email field is okay"

}

if(descInput.length == 0 || descInput == null){

descriptionValidation.innerHTML = "Please provide some description";

descriptionValidation2.innerHTML = "Please provide some description";

isValid = false;

}else{

descriptionValidation.innerHTML = "Description is there"

descriptionValidation2.innerHTML = "Description is there"

}

if(opInput.length == 0 || opInput == null){

optionsValidation.innerHTML = "Please choose an option";

optionsValidation2.innerHTML = "Please pchoose an option";

isValid = false;

}else{

optionsValidation.innerHTML = "Options are there";

optionsValidation2.innerHTML = "Options are there";

}

if(radioInput.length == 0 || radioInput == null){

radioValidation.innerHTML = "Please choose an option";

radioValidation2.innerHTML = "Please choose an option";

isValid = false;

}else{

radioValidation.innerHTML = "Options are there";

radioValidation2.innerHTML = "Options are there";

}

if(checkInput.length == 0 || checkInput == null){

checkValidation.innerHTML = "Please choose an option";

checkValidation2.innerHTML = "Please choose an option";

isValid = false;

}else{

checkValidation.innerHTML = "Options are there";

checkValidation2.innerHTML = "Options are there";

}

if(!isValid){

modal.style.display = "block";

afterColor.style.display = "block";

}else{

document.getElementById("myForm").submit();

}

}

let modal = document.getElementById("myModal");

## Problem Statement 2

**Que 1-**

<!DOCTYPE html>

<html>

<body>

<button onclick="myFunction()">Click Button</button>

<p id="demo"></p>

<script>

function myFunction() {

let info = prompt("Please enter your information", "Enter information");

if (info != null) {

document.getElementById("demo").innerHTML = info.replaceAll("a","x") ;

}

}

</script>

</body>

</html>

## Problem statement 3

**Que 1-**

<script>

var name=prompt("Enter your name")

while(name!="Priyancy")

{

name=prompt("Enter your name")

}

alert("Thankyou")

</script>

**Que 2-**

var person = prompt("Please enter your name", "Harry Potter");

if (person != null) {

document.getElementById("demo").innerHTML =

"Hello " + person + "! How are you today?";

}

**Que3-**

function dateToFromNowDaily( myDate )

{

var fromNow = moment( myDate ).fromNow();

return moment( myDate ).calendar( null),

{

{

lastWeek: '[Last] dddd',

lastDay: '[Yesterday]',

sameDay: '[Today]',

nextDay: '[Tomorrow]',

nextWeek: 'dddd',

sameElse: function () {

return "[" + fromNow + "]";

}

};

}

====================================================================================================================

**Que 4-** <script   
  type="text/JavaScript"   
  language="JavaScript">  
function date\_ddmmmyy(date)  
{  
  var d = date.getDate();  
  var m = date.getMonth() + 1;  
  var y = date.getYear();  if(y >= 2000)  
  {  
    y -= 2000;  
  }  
  if(y >= 100)  
  {  
    y -= 100;  
  }  var mmm =   
    ( 1==m)?'Jan':( 2==m)?'Feb':(3==m)?'Mar':  
    ( 4==m)?'Apr':( 5==m)?'May':(6==m)?'Jun':  
    ( 7==m)?'Jul':( 8==m)?'Aug':(9==m)?'Sep':  
    (10==m)?'Oct':(11==m)?'Nov':'Dec';  
  
  return "" +  
    (d<10?"0"+d:d) + "-" +  
    mmm + "-" +  
    (y<10?"0"+y:y);  
}  
  
  
function date\_lastmodified()  
{  
  var lmd = document.lastModified;  
  var s   = "Unknown";  
  var d1;  if(0 != (d1=Date.parse(lmd)))  
  {  
    s = "" + date\_ddmmmyy(new Date(d1));  
  }  
  
  return s;  
}  
document.write(   
  "This page was updated on " +   
  date\_lastmodified() );  
  
</script>

**Que 5-**

<script>

var welcome;

var date = new Date();

var hour = date.getHours();

var minute = date.getMinutes();

var second = date.getSeconds();

if (minute < 10) {

minute = "0" + minute;

}

if (second < 10) {

second = "0" + second;

}

if (hour < 12) {

welcome = "good morning";

} else if (hour < 17) {

welcome = "good afternoon";

} else {

welcome = "good evening";

}

document.write("<h2>" + "<font color='red'>" + welcome + "</font>" + " welcome to our website");

document.write("<br>" + hour + ":" + minute + ":" + second);

</script>