JavaScript Assignment

Question 1 Interface

| Name: | |
|-----------------|--|
| Insert name | |
| HomeTown: | |
| Insert HomeTown | |
| Submit | |



CSS and HTML coding

```
function myFunction(){
  let a = document.getElementById('1').value
  let b = document.getElementById('2').value
  alert("Your name is: "+a+"\nYour hometwon is: "+b);
}
</script>
```

Interface

Click me to find the remaining time

Now the time is 5.44 pm

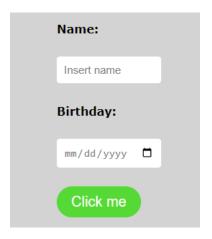
Remains 7 hours more....

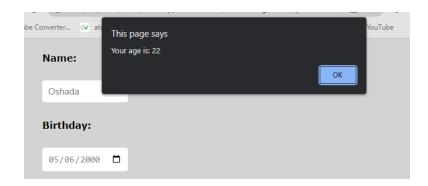
CSS and HTML coding

```
<body>
  <div id="a" class="container"></div>
  <div id="b" class="container">
        <button id="c" onclick="myFunction()">Click me to find the remaining time</button>
        </div>
</body>
```

```
<script type="text/javascript">
  function myFunction(){
   var date = new Date();
    var hours = date.getHours();
   var minutes = date.getMinutes();
   var ampm = hours >= 12 ? 'pm' : 'am';
   hours = hours % 12;
   hours = hours ? hours : 12; // the hour '0' should be '12'
    minutes = minutes < 10 ? '0'+minutes : minutes;</pre>
   var a = document.getElementById("a");
    a.textContent = "Now the time is "+hours+"."+minutes+" "+ampm;
    a.innerText = "Now the time is "+hours+"."+minutes+" "+ampm;
    if(ampm == 'am'){
       c.textContent = "Remains "+(24-hours)+" hours more....";
       c.innerText = "Remains "+(24-hours)+" hours more....";
      c.textContent = "Remains "+(12-hours)+" hours more....";
      c.innerText = "Remains "+(12-hours)+" hours more....";
```

Interface



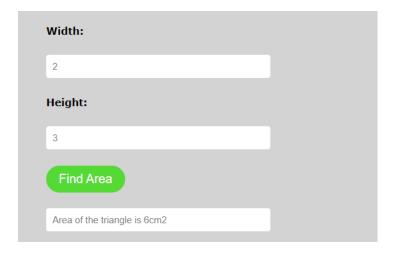


CSS and HTML coding

```
function myFunction2(){
   var today = new Date();
   var birthDate = document.getElementById("2").value;
   var year = birthDate.substr(0, 4);
   var age = today.getFullYear() - year;

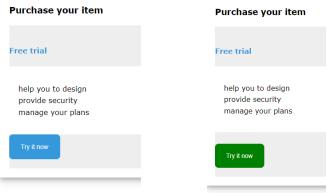
alert("Your age is: "+age);
}
</script>
```

Interface



CSS and HTML coding

Interface



CSS and HTML coding

```
<script type="text/javascript">
  function myFunction(){
   var property = document.getElementById('btn');
   property.style.backgroundColor = "green";
  }
</script>
```

Interface

CSS and HTML coding

```
function myFunction(){
  let a = document.getElementById('1').value
  var c = Math.sqrt(a);
  alert("Square root of "+a+" is "+c);
}
</script>
```

Interface

Available Hotel Packages

- ☐ Wedding Package☐ BirthdayPackage
- ☐ Normal Function Package
- ☐ Day out Package

Submit

Available Hotel Packages

- Wedding Package
- ✓ BirthdayPackage
- Normal Function Package
- Day out Package

Submit

CSS and HTML coding

```
function checkChange(val){
  var Name = document.getElementsByName(val.name);
  var checked = document.getElementById(val.id);

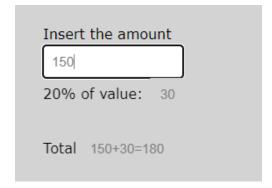
  if (checked.checked) {
    for(var i=0; i < Name.length; i++){

        if(!Name[i].checked){
            Name[i].disabled = true;
        }else{
            Name[i].disabled = false;
        }
    }
    else {
        for(var i=0; i < Name.length; i++){
            Name[i].disabled = false;
        }
    }
}
</script>
```

Interface

```
Insert the amount
Insert value
20% of value: NaN

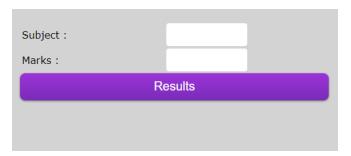
Total Insert value+NaN=Na
```

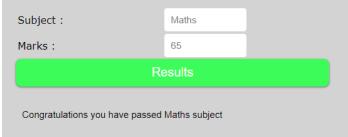


CSS and HTML coding

```
<script type="text/javascript">
  function myFunction(){
    var a = document.getElementById("userval").value;
    var c = a*0.2;
    var d = Number(a)+c;
    document.getElementById("1").value = " " + c;
    document.getElementById("2").value = a + "+"+ c + "=" + d;
}
</script>
```

Interface





CSS and HTML coding

```
<script type="text/javascript">
  function myFunction(){
   let subject = document.getElementById('1').value;
   let marks = document.getElementById('2').value;
   if(Number(marks)>=35){
      document.getElementById('3').value = "Congratulations you have passed "+subject+" subject";
   }else{
      document.getElementById('3').value = "You have failed "+subject+" subject";
   }
}
</script>
```

Interface





CSS and HTML coding

```
clopdy>
cdiv class="a">
cinput id="user" type="text" name="" value="">cbr>
cimput id="user" type="text" name="" value="">cbr>
cid>cbutton onclick = "display(':')" id = "-" class="button button2" type="button" name="button"></button>
cid>cbutton onclick = "display(':')" id = "" class="button button2" type="button" name="button"></button>
cid>cbutton onclick = "display(':')" id = "' type="button" name="button"></button>
cid>cbutton onclick = "display(':')" id = "' type="button" name="button"></button>
cid>cbutton onclick = "display(':')" id = "' type="button" name="button"></button>
cid>cbutton onclick = "display(':')" id = "' type="button" name="button"></button>
cid>cbutton onclick = "display(':')" id = "' type="button" name="button"></button>
cid>cbutton onclick = "display(':')" id = "' type="button" name="button"></button>
cid>cbutton onclick = "display(':')" id = "' type="button" name="button"></button>
cid>cbutton onclick = "display(':')" id = "' type="button" name="button"></button>
cid>cbutton onclick = "display(':')" id = "' type="button" name="button"></button>
cid>cbutton>
cid>cbutton onclick = "display(':')" id = "' type="button" name="button"></button>
cid>cbutton>
cid>cbutton onclick = "display(':')" id = "' type="button" name="button">
cid>cbutton>
cid>cbutton>
cid>cbutton onclick = "display(':')" id = "' type="button" name="button">
cid>cbutton>
cid>cbutton>
cid>cbutton onclick = "display(':')" id = "' type="button" name="button">
cid>cbutton>
cid>cbutton
```

JavaScript coding

```
<script type="text/javascript">
   function display(clicked_id){

   document.getElementById('user').value += clicked_id;
   return clicked_id;

}

function calculate(){

   let x = document.getElementById('user').value;
   let y = eval(x);
   document.getElementById('user').value = y;

   return y
}

function clearScreen(){

   document.getElementById('user').value = '';
}

</script>
```

Github link of the code files

https://github.com/SuhadaKOKA/JavaScript-Assignment