

Lab 7

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Start Page:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Election polling</title>
    <script src="Voting.js"></script>

  </head>
  <body>
    <script>
      then=new Date("15 February, 2020 21:00:00").getTime();
      var x=setInterval(function(){
        now=new Date().getTime();
        var distance=then-now;
        var hours = Math.floor((distance % (1000 * 60 * 60 * 24)) / (1000
* 60 * 60));
        var minutes = Math.floor((distance % (1000 * 60 * 60)) / (1000 *
60));
        var seconds = Math.floor((distance % (1000 * 60)) / 1000);
        document.getElementById('demo').innerHTML="Hours Left "+hours+": "+
minutes+": "+seconds+"<br>";
        if (distance < 0) {
          clearInterval(x);
          //document.getElementById("demo").innerHTML = "EXPIRED";
          window.location.replace("file:///C:/Code/IWP_Lab/Lab7/Winner.h
tml")
        }
      },1000);
    </script>
    <link rel="stylesheet" href="Lab7.css">

    <h1>Election polling</h1>
    <font size=10px><center><b><p id="demo"></p></b></center></font>
```

```

        <center><button id="start" ><a href="Voting.html">Start</a></button></
center>

    </body>
</html>

```



Voting Page:

```

<!DOCTYPE html>
<html>
    <head>
        <script src="Voting.js"></script>
    </head>
    <body onload="redirect()">
        <link rel="stylesheet" href="Lab7.css">

        <h1> Election Polling</h1>

        <div><b> <center>Voting closes in <span id="time">19:43</span> seconds
!</center></b></div><br>

        <script>
            function startTimer(duration, display){
                var timer=duration, minutes, seconds;
                setInterval(function(){
                    minutes=parseInt(timer/60, 10);
                    seconds=parseInt(timer%60,10);

                    minutes=minutes<10 ? "0" +minutes: minutes;

```

```

        seconds=second<10 ? "0" +seconds : seconds;

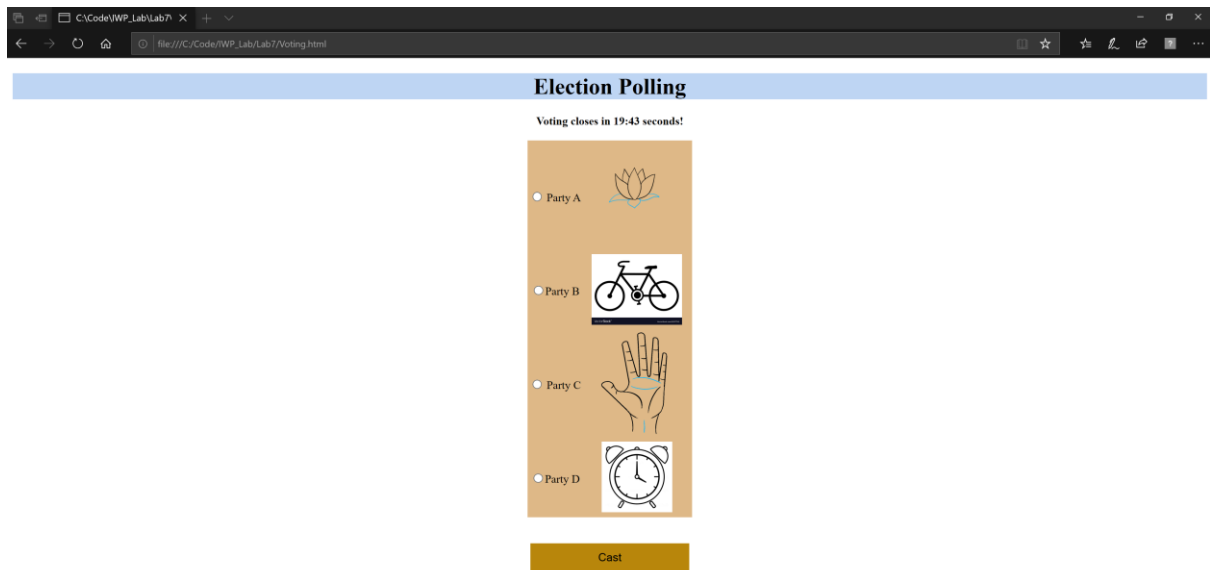
        display.textContent= minutes + ":" + seconds;

        if (--timer <0){
            timer=duration;
        }
    }, 1000;)
}

window.onload=function(){
    var oneminute=60*5, display=document.querySelector('#time');
    startTimer(oneminute, display);
}
</script>

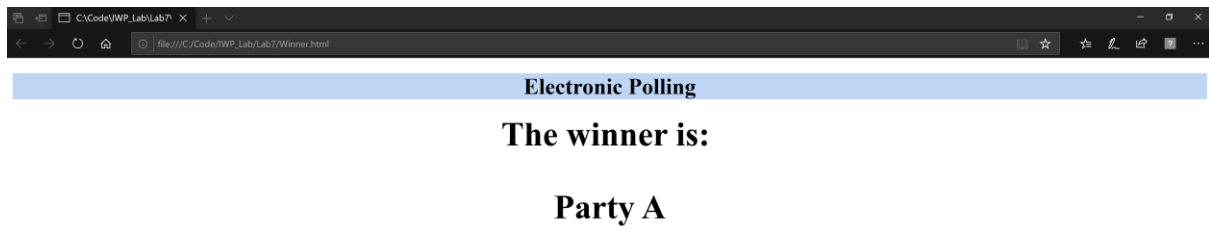
<form name="voting">
    <center>
        <table id="table1">
            <tr>
                <td> <input type="radio" value="1" name="p"> Party A</td>
                <td> </td>
            </tr>
            <tr>
                <td><input type="radio" value="2" name="p">Party B</td>
                <td></td>
            </tr>
            <tr>
                <td> <input type="radio" value="3" name="p"> Party C</td>
                <td> </td>
            </tr>
            <tr>
                <td><input type="radio" value="4" name="p">Party D</td>
                <td></td>
            </tr>
        </table><br><br>
        <button value="cast" id="start" onclick="cast()">Cast</button>
    </center>
</form>
</body>
</html>

```



Winner Page:

```
<!DOCTYPE html>
<html>
  <head>
    <script src="Voting.js">
    </script>
  </head>
  <body onload="winner()">
    <link rel="stylesheet" href="Lab7.css">
    <h1>Electronic Polling</h1>
    <font size=10px><center><b>The winner is:&nbsp;<p id="winner"></p></b>
</center></font>
  </body>
</html>
```



Javascript Code (Voting.js):

```
Parties=[0,0,0,0];

function redirect(){
    setTimeout(function() {window.location.replace("file:///C:/Code/IWP_Lab/Lab7/Lab7.html");}, 5000);
}

function cast(){
    alert("A:" + Parties[0]+"\nB:" +Parties[1]+"\nC:" +Parties[2]+"\nD:" +Parties[3]);
    var q=document.getElementsByName("p");
    var i=0;
    for (i=0;i<q.length;i++){
        if (q[i].checked){
            Parties[i]++;
        }
    }
    alert("A:" + Parties[0]+"\nB:" +Parties[1]+"\nC:" +Parties[2]+"\nD:" +Parties[3]);
}

function winner(){
    var max=0;
    var k=0;
    for (var i=0;i<4;i++){
        if (Parties[i]>max){
            max=Parties[i];
            k=i;
        }
    }
}
```

```

    }
}
if (i==0){
    document.getElementById("winner").innerHTML='Party A';
}
else if(i==1) {
    document.getElementById("winner").innerHTML='Party B';
}
else if(i==2) {
    document.getElementById("winner").innerHTML='Party C';
}
else{
    document.getElementById("winner").innerHTML='Party D';
}
}

```

CSS Code (Lab7.css) :

```

h1{
    text-align: center;
    background-color:rgb(190, 213, 243);
}

#start{
    background-color: darkgoldenrod;
    width: 225px;
    border:none;
    height: 40px;
    font-size: 16px;
    color: black;
}

#table1{
    background-color: burlywood;
    align-content: center;
    text-align: center;
}

#demo{
    text-align: center;
}

```