

```

1  <!--calculateScore.php-->
2
3  <?php
4
5      //start connection and session
6
7      session_start();
8      include 'Connect.php';
9
10     //get current value of session variable time and set as $usertime
11
12     $usertime = $_SESSION['time'];
13
14     //begin for loop for 1 to 10
15
16     for ($count = 1; $count <= 10; $count+=1){
17         //set $postVal as conjunction of "ans" and $count - this corresponds to a name
18         //of the radio buttons in the quiz
19
20         $postVal = "ans" . $count;
21
22         //if $postVal is undefined (so, no answers given), add "" to array $answers[]
23
24         if (!isset($_POST["$postVal"])){
25             $answers[] = "";
26         }
27
28         //else, add the value of the radio button to the array $answers[]
29
30         else {
31             $answers[] = $_POST["$postVal"];
32         };
33     };
34
35     //initialise $score and $iterationVal as 0
36     $score = 0;
37     $iterationVal = 0;
38
39     //for each item in the array $answers[]...
40
41     foreach ($answers as $val){
42
43         //add 1 to $iterationVal
44
45         $iterationVal = $iterationVal + 1;
46
47         //when an answer is given (so, the array item for $answers[] is not empty)...
48
49         if(!$val == ""){
50             //check if answer is correct and if so, add 1 to $score
51
52             $sqlAns = "select answer from question where questionID = $iterationVal";
53             $result = mysqli_query($conn,$sqlAns);
54             while ($row = mysqli_fetch_assoc($result)) {
55                 $rightAns = $row["answer"];
56                 if (strpos($rightAns, $val) == 0){
57                     $score = $score + 1;
58                 };
59             };
60         };
61
62         //if user completed quiz before countdown reached 69000ms, multiply score by 2
63
64         if ($usertime >= 70000){
65             $score *= 2;
66
67             //if user completed quiz when countdown was between 69000ms and 31000ms, multiply
68             //score by 1.5
69
70             } elseif($usertime >= 31000 and $usertime <=69000){
71                 $score *=1.5;

```

```
71         round($score);
72
73         //if user completed quiz when countdown was between 10000ms and 30000ms, multiply
       score by 1.25
74
75     } elseif($usertime >= 10000 and $usertime <=30000){
76         $score *=1.25;
77         round($score);
78
79         //else, multiply score by 1
80
81     } else {
82         $score *= 1;
83     };
84
85     //call updateLeaderboard for execution
86
87     require 'updateLeaderboard.php';
88
89     //redirect to Leaderboard page
90
91     header('Location:http://localhost/PROJECT/Leaderboard.php');
92
93     //close connection
94
95     mysqli_close($conn);
96
97     ?>
98
```