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| siba.ulfs1.eng..png | **I3302\_S1**  18-19 | Examen Final  24/01/2019  Durée : 120 min |

**Problème I (12 pts)**

function isDate($value){

if (preg\_match("/^[0-9]{4}-(0[1-9]|1[0-2])-(0[1-9]|[1-2][0-9]|3[0-1])$/",$date)) {

return true;

} else {

return false;

}

}

**Problème II (43 pts)**

**Question 1. (16 pts)**

function getTeamTitle($id){

$mysqli = new mysqli(servername, username, password, database); **(3pt)**

if($mysqli->connect\_error){ exit('Error connecting to database'); } **(2pt)**

$sql="SELECT \* FROM `team` WHERE `id`='".$id."'"; **(3pt)**

$stmt = $mysqli->prepare($sql); **(2pt)**

$stmt->execute(); **(2pt)**

$team = $stmt->get\_result()->fetch\_all(MYSQLI\_ASSOC); **(2pt)**

return $team[0]["title"]; **(2pt)**

}

**Question 2. (9pts)**

function getScorersAndScores($idteam,$idgame){

$mysqli = new mysqli(servername, username, password, database);

if($mysqli->connect\_error){ exit('Error connecting to database'); }

$sql = "SELECT `fname`,`lname`,`photo`,count(\*) as score"; **(7pt)**

$sql.= "FROM `player` as P,`scorer` as S ";

$sql.= "WHERE P.id=S.idPlayer and `idTeam`='".$idteam."' ";

$sql.= "and S.idGame='".$idgame."' GROUP BY S.idPlayer,S.idGame";

$stmt = $mysqli->prepare($sql);

$stmt->execute();

$scores = $stmt->get\_result()->fetch\_all(MYSQLI\_ASSOC); **(1pt)**

return $scores; **(1pt)**

}

**Question 3. (9pts)**

function gameInfo($in){

$mysqli = new mysqli(servername, username, password, database);

if($mysqli->connect\_error){ exit('Error connecting to database'); }

// By Date

if(isDate($in)){ **(1pt)**

$sql="SELECT \* FROM `game` WHERE `gameDate`='$in'"; **(1.5pt)**

}else{ // By Game id

$sql="SELECT \* FROM `game` WHERE `id`='$in'"; **(1.5pt)**

}

$stmt = $mysqli->prepare($sql);

$stmt->execute();

**(1pt)**

$arr = $stmt->get\_result()->fetch\_all(MYSQLI\_ASSOC);

$game=$arr[0]; **(1pt)**

// Name team1 & team2

$game["team1title"]=getTeamTitle($arr[0]["team1"]); **(1pt)**

$game["team2title"]=getTeamTitle($arr[0]["team2"]); **(1pt)**

// Scorer names and photos and scores of team1 & team2

$arrT1=getScorersAndScores($arr[0]["team1"],$arr[0]["id"]); **(1pt)**

$arrT2=getScorersAndScores($arr[0]["team2"],$arr[0]["id"]); **(1pt)**

$res=array($game,$arrT1,$arrT2); **(1.5pt)**

return $res; **(0.5pt)**

}

**Question 4. (7pts)**

<?php

session\_start(); **(1pt)**

require("functions.php"); **(1pt)**

?>

<div align="center"><form action="liveScores.php" method="post"> **(0.5pt)**

Enter the id of a game or the game date: <input type="text" name="in">

<input type="submit" name="submit" value="Send">

</form></div>

<?php

if(isset($\_POST["in"]) || isset($\_SESSION["game"])){ **(0.25pt)**

if(isset($\_POST["in"])){ **(0.25pt)**

$\_SESSION["game"]=$\_POST["in"]; **(0.25pt)**

}

$in=$\_SESSION["game"]; **(0.5pt)**

// Table of results: Game: $res[0], Scorers team1: $res[1], Scorers team2: $res[2]

$res=gameInfo($in); **(0.25pt)**

$\_SESSION["idgame"]=$res[0]["id"]; **(0.25pt)**

// Prepare the scorers of team1 **(1pt)**

$t1=""; $fscore1=0;

foreach($res[1] as $k=>$v){

$t1.="<img src='photo/".$v["photo"]."' height='100'><br>".$v["fname"]." ".$v["lname"]." (".$v["score"].")<br>";

$fscore1+=$v["score"];

}

// Prepare the scorers of team2 **(1pt)**

$t2=""; $fscore2=0;

foreach($res[2] as $k=>$v){

$t2.="<img src='photo/".$v["photo"]."' height='100'><br>".$v["fname"]." ".$v["lname"]." (".$v["score"].")<br>";

$fscore2+=$v["score"];

}

// ## Display the table

echo "<table border='1' align='center' width='35%'>";

// Game: Place and Date

echo "<tr><th colspan='2'><h1>".$res[0]["place"]." - ".$res[0]["gameDate"]."</h1></th></tr>"; **(0.25pt)**

// Team1 title and score

echo "<tr><th>".$res[0]["team1title"]."<br>".$fscore1."</th>"; **(0.25pt)**

// Team2 title and score

echo "<th>".$res[0]["team2title"]."<br>".$fscore2."</th></tr>"; **(0.25pt)**

// Scorers of team1 & team2

echo "<tr><th>$t1</th><th>$t2</th></tr>";

echo "</table>";

}

?>

**Question 5. (7pts)**

function addGoal($idgame,$idplayer){

$mysqli = new mysqli(servername, username, password, database);

if($mysqli->connect\_error){ exit('Error connecting to database'); }

$sql = "INSERT INTO scorer (idGame,idPlayer) VALUES (?,?)"; **(5pt)**

$stmt = $mysqli->prepare($sql);

$stmt->bind\_param("ii", $idgame, $idplayer); **(2pt)**

$stmt->execute();

$stmt->close();

}

**Question 6. (7pts)**

function getPlayers($idteam){ **(0.25pt)**

$mysqli = new mysqli(servername, username, password, database);

if($mysqli->connect\_error){ exit('Error connecting to database'); }

$sql="SELECT \* FROM `player` WHERE `idTeam`='".$idteam."'"; **(0.5pt)**

$stmt = $mysqli->prepare($sql);

$stmt->execute();

$players = $stmt->get\_result()->fetch\_all(MYSQLI\_ASSOC);

return $players; **(0.25pt)**

}

<?php

if(isset($\_POST["logout"])){ **(0.25pt)**

session\_destroy(); **(0.25pt)**

}

?>

<?php

// Add Goal

if(isset($\_POST["addgoal"]) && isset($\_SESSION["admin"])){ **(0.25pt)**

$idgame=$\_SESSION["idgame"]; **(0.25pt)**

$idteam=$\_POST["team"]; **(0.25pt)**

if($idteam==1){ **(0.25pt)**

$idplayer=$\_POST["scorer1"]; **(0.25pt)**

}else{

$idplayer=$\_POST["scorer2"]; **(0.25pt)**

}

addGoal($idgame,$idplayer); **(0.5pt)**

}

?>

<div align="center"><form action="liveScores.php" method="post"> **(1pt)**

<h1>Administrator</h1>

Username: <input type="text" name="username"><br>

Password: <input type="password" name="passwd"><br>

<input type="submit" name="login" value="Login">

</form></div>

<?php

// Admin

if(isset($\_POST["login"]) || isset($\_SESSION["admin"])){ **(0.25pt)**

if(isset($\_SESSION["admin"]) || ($\_POST["username"]=="admin" && $\_POST["passwd"]=="canada123")){ **(0.25pt)**

// You are the admin, Update the Game

// ----------------------------------

$\_SESSION["admin"]=1; **(0.25pt)**

echo "<h2 align='center'>Welcome admin, update the current Game</h2>";

$idgame=$res[0]["id"]; **(0.25pt)**

$idteam1=$res[0]["team1"]; **(0.25pt)**

$idteam2=$res[0]["team2"]; **(0.25pt)**

// Display the teams to choose the scorer

$playersT1=getPlayers($idteam1); **(0.25pt)**

$playersT2=getPlayers($idteam2); **(0.25pt)**

// Team 1 & 2: variables: team:idteam,scorer:idplayer

echo "<div align='center'><form action='liveScores.php' method='post'>";

echo "<table border=1>";

echo "<tr><th>";

echo "<h3>Team 1<input type='radio' name='team' value='1'></h3>"; **(0.25pt)**

echo "<select name='scorer1'>";

foreach($playersT1 as $k=>$v){ **(0.25pt)**

echo "<option value='".$v["id"]."'>".$v["fname"]." ".$v["lname"]."</option>";

}

echo "</select>";

echo "</th><th>";

echo "<h3>Team 2<input type='radio' name='team' value='2'></h3>"; **(0.25pt)**

echo "<select name='scorer2'>";

foreach($playersT2 as $k=>$v){ **(0.25pt)**

echo "<option value='".$v["id"]."'>".$v["fname"]." ".$v["lname"]."</option>";

}

echo "</select>";

echo "</th></tr>";

echo "<tr><th colspan='2'><input type='submit' name='addgoal' value='Add Goal'></th></tr>";

echo "<tr><th colspan='2'><input type='submit' name='logout' value='Logout'></th></tr>";

echo "</table>";

echo "</form></div>";

// ----------------------------------

}else{

echo "<h2 align='center'>Only the admin can access !</h2>";

}

}

?>