

Информационна система за решаване на задача 11.

1/ Създаване на връзка към базата данни, създаване на нова база данни (Zad11) и на нова таблица в нея (User) (с обектно-ориентираната версия на MySQLi):

Файл newdb11.php

```
<?php
$conn = new mysqli("localhost","root","")
    or die("Ne stava vrazka sas sarvara???");
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error); }
echo "<p>Connected successfully<p>";

$sql = "CREATE DATABASE Zad15";
if ($conn->query($sql) === TRUE) {
    echo "<p>Database created successfully";
} else { echo "<p>Error creating database: " . $conn->error; }

$conn = new mysqli("localhost","root","","Zad15"); // свързване със създадената БД
$sql =
"CREATE TABLE User ( ".
"Code INT(6) UNSIGNED NOT NULL AUTO_INCREMENT PRIMARY KEY, ".
"Name VARCHAR(33) NOT NULL, ".
"Kind INT(4) NOT NULL, ".
"Sum DECIMAL(9,2) NOT NULL)";
if ($conn->query($sql) === TRUE)
{ echo "<p>Table User created successfully"; }
else { echo "<p>Error creating table: " . $conn->error; }
$conn->close();
?>
```

2/ Създаване на конфигурационен файл с име config.php:

```
<?php
$conn = new mysqli("localhost","root","","Zad15")
    or die("Ne stava vrazka sas sarvara???");
?>
```

3/ Първоначално запълване на таблицата User с два записа:

Файл begin.php

```
<?php
include "config.php";
$sql= "INSERT INTO User(Code,Name,Kind,Sum) VALUES ".
"(1,'Hotel Maritza',1,222.22), ".
"(2,'Banka BAKB',2,111.11)";
if ($conn->query($sql) === TRUE)
{ echo "<p>Tabliza User e popalнена s 2 zapisa uspeбно"; }
else { echo "<p>Error insert table: " . $conn->error; }
$conn->close();
```

?>

4/ Създаване на меню за всички обработки чрез index.htm:

```
<a name="menu">
<html> <head> <title> Softuerna firma USPEH </title> </head>
<body> <h2 align=center> Softuerna firma USPEH </h2>
<big> <b> <ul> <li> Operazii <ol>
<li><a href="sellectall.php"> Vsi4ki partneri </a> </li>
<li><a href="balans.php"> Balans na firmata </a> </li>
<li><a href="append.php"> Dopalvane s nov zapis </a> </li>
<li><a href="edit.php"> Promenjane na danni </a> </li>
<li><a href="delete.php"> Iztrivane na zapis </a> </li>
<li><a href="sort.php"> Sortirane po izbrana kolona </a></li>
</ol> <p> <li> Tarsene na partneri ot izbran vid
<form name="f1" action="vid.php" method="post">
Zadajte vid (1=>vzemane; 2=>zadaljenie):
<input type="text" name="vid" size=4>
<input type="submit" value="Tarsene po vid">
</form> </li><li> Tarsene na zadaljenja nad zadadena suma
<form name="f2" action="suma.php" method="post">
Zadajte dolna granitza za sumata:
<input type="text" name="max" size=9>
<input type="submit" value="Tarsene po suma">
</form> </li>
</ul> </body> </html>
```

5/ Извеждане на справка за всички записи на таблицата чрез sellectall.php:

```
<html> <head> <title> Vsi4ki danni </title> </head>
<body bgcolor=lightgreen>
<h2> Vsi4ki danni </h2>
<table border=4 bordercolor=black cellpadding=9 cellspacing=0
width=66%>
<caption><big><b>Softuerna firma USPEH</b></big></caption>
<tr bgcolor=cyan> <th> Kod <th> Ime <th> Vid <th> Suma </tr>
<?php
include "config.php";
$sql="SELECT * FROM User ORDER BY CODE";
$result=$conn->query($sql);
if ($result->num_rows > 0)
{ // output data of each row
while($row = $result->fetch_assoc()) {
echo "<tr bgcolor=yellow>\n";
echo "<td>". $row["Code"] .
"<td>". $row["Name"] .
"<td>". $row["Kind"] .
"<td>". $row["Sum"];
}
} else echo "0 results";
$conn->close(); ?>
</table> <p>
```

Legenda za vida: 1 => vzemane; 2 => zadaljenie.

```
<p> <a href="index.htm#menu"> Menu => </a>
</body> </html>
```

6/ Добавяне на нов запис (първо код за вида с „Изберете”, после Име, Сума):

```
<html> <head> <title> Append </title> </head>
<body bgcolor=Lightblue> <h3> Append </h3>
```

```
<?php
include "config.php";
if(isset($_POST['submit']))
{
    $sql= "INSERT INTO User (Code,Name,Kind,Sum) VALUES (" .
    (int)$_POST["Code"] . "," .
    $_POST["Name"] . "," .
    (int)$_POST["Kind"] . "," .
    (float)$_POST["Sum"] . ")";
    $result=$conn->query($sql);
    if($result===TRUE)
        echo "<font color='green'><b>Zapisat e dobaven uspesшно!</b></font>";
    else echo "<font color='red'><b>Zapisat ne e dobaven uspesшно!</b></font>";
}
?>
<form name = "f1" method="post">
    Vid na partnera:
    <input type="radio" name="user" value="1" checked="checked"> vzemane &nbsp;
    <input type="radio" name="user" value="2"> zadaljenie <br>
    <input type="submit" name="submit2" value="Izberete">
    <?php
        if(isset($_POST['user']))
            $help = $_POST['user'];
        else $help="1";
    ?>
</form> <p>
<form name="f2" method="post">
    Kod: <input type="text" size="6" name="Code"
        value="<?php
$sql='select Code from User ORDER BY Code DESC';
$result=$conn->query($sql);

$res=$result->fetch_assoc();
echo $res['Code']+1;
?>" />
    <p>Ime: <input type="text" size="32" name="Name">
    <p>Vid: <input type="text" size="5" name="Kind" value = " <?php echo $help; ?> " >
    <p>Suma: <input type="text" name="Sum">
    <p>
    <input type="submit" name="submit" value="Dobavjane">
</form>
<?php
$conn->close();
```

```

?>
<p> <a href="index.htm#menu"> Menu ==> </a>
</body> </html>
7/ Баланс на фирмата с файла balans.php:
<html> <head>
<meta http-equiv="content-type" content="text/html; charset=windows-1251">
<title> Balans </title> </head>
<body bgcolor=lightgreen>
<h3> Balans na firmata </h3>
<table border=4 bordercolor=black cellpadding=15 width=50%>
<caption><big><b> Balans na firmata </b></big></caption>
<tr bgcolor=cyan> <th> Kod <th> Ime
<th> Vid na sumata <th> Suma </tr>

<?php
include "config.php";
$s=0;
$sql="SELECT * FROM User";
$result=$conn->query($sql);
if ($result->num_rows > 0)
{
    while($row = $result->fetch_assoc())
    {
        echo "<tr bgcolor=yellow>\n";
        echo "<td>". $row["Code"].
        "<td>" . $row["Name"].
        "<td>" . $row["Kind"].
        "<td>" . $row["Sum"];
        if($row["Kind"]==1)
            $s+=$row["Sum"];
        else $s-=$row["Sum"];
        echo "</tr>\n";
    }
} else echo "0 results";
$conn->close();

$s=round($s,2);
echo "<tr bgcolor=yellow>";
echo "<th colspan=2> Balans:";
echo "<th colspan=2>" . $s . "</tr>\n";
?>
</table> <p>
Legenda za vida: 1 ==> vzemane; 2 ==> zadaljenie.
<p> <a href="index.htm#menu"> Menu ==> </a>
</body> </html>

```

8/ Променяне на данни с файла edit.php:

```
<html> <head>
<meta http-equiv="content-type" content="text/html; charset=windows-1251">
<title> Promenjane </title> </head>
<body bgcolor=Lightblue>
<h3> Promenjane na danni </h3>
<?php
include "config.php";
if(isset($_GET['edit']) && $_GET['edit'])
{
$sql="SELECT * FROM User WHERE Code=" . (int)$_GET['edit'];
$result=$conn->query($sql);
$row=$result->fetch_assoc();
?>
<form method="post" action="edit.php">
<table cellpadding="8">
<tr>
<td> Kod: </td>
<td> <input type="hidden" size="6" name="Code"
value="<?php echo $row['Code']; ?>" /></td>
</tr>
<tr>
<td>Ime:</td>
<td><input type="text" size="32" name="Name"
value="<?php echo $row['Name']; ?>" /></td>
</tr>
<tr>
<td>Vid (1=vzemane; 2=zadaljenie):</td>
<td><input type="text" size="8" name="Kind"
value="<?php echo $row['Kind']; ?>" /></td>
</tr>
<tr>
<td>Suma:</td>
<td><input type="text" size="6" name="Sum"
value="<?php echo $row['Sum']; ?>" /></td>
</tr>
</table><p>
<input type="submit" name="submit" value="Promeni">
</form>
<?php
} else {
if(isset($_POST['submit']))
{
    $sql="UPDATE User SET Name=' " . $_POST['Name'] . " ',Kind=" .(int)
    $_POST['Kind'] .
```

```

",Sum=" .(float) $_POST['Sum'] . " WHERE Code=" . (int) $_POST['Code'];
$result=$conn->query($sql);
}
$result=$conn->query("SELECT * FROM User ORDER BY Name ASC");

if ($result->num_rows <= 0)
    echo "0 results";
else
{
    $zag=array("Kod","Ime","Vid","Suma","Promjana");
    ?>
    <table border="4" bordercolor="black" cellpadding="15" cellspacing="0"
bgcolor="yellow">
    <tr>
    <?php
        foreach($zag as $v) echo "<th bgcolor='lime'>" . $v. "</th>";
    ?>
    </tr>
    <?php
    while($row = $result->fetch_assoc())
    {
    ?>
    <tr bgcolor=yellow>;
    <td> <?php echo $row["Code"]; ?> </td>
    <td> <?php echo $row["Name"]; ?> </td>
    <td> <?php echo $row["Kind"]; ?> </td>
    <td> <?php echo $row["Sum"]; ?> </td>
    <td align=center> <a href="edit.php?edit=<?php echo $row['Code']; ?>"> Promeni
    </a> </td>
    </tr>
    <?php
    }
    }
    }
    ?>
    </table>
    <?php $conn->close(); ?>
    <p> <a href="index.htm#Menu"> Menu ==> </a>
    </body> </html>

```

9/ Изтриване на данни с файла delete.php:

```
<html> <head> <title> Iztrivane </title> </head>
<body bgcolor=Lightblue>
<h3> Iztrivane na danni </h3>

<?php
include "config.php";
if(isset($_GET['del']))
{
    $sql="DELETE FROM User WHERE Code=" .(int)$_GET['del'];
    $result=$conn->query($sql);
}
$sql="SELECT * FROM User ORDER BY Name ASC";
$result=$conn->query($sql);
if ($result->num_rows <= 0)
    echo "0 results";
else
{
    $zag=array("Kod","Ime","Vid","Suma","<font color=red>Iztrivane</font>");
    ?>
<table border="4" bordercolor="black" cellpadding="15" cellspacing="0"
bgcolor="yellow">
<tr>
<?php
    foreach($zag as $v) echo "<th bgcolor='lime'>" . $v. "</th>";
?>
</tr>
<?php
while($row = $result->fetch_assoc())
{
    ?>
<tr bgcolor=yellow>
<td> <?php echo $row["Code"]; ?> </td>
<td> <?php echo $row["Name"]; ?> </td>
<td> <?php echo $row["Kind"]; ?> </td>
<td> <?php echo $row["Sum"]; ?> </td>
<td align=center> <a href="delete.php?del=<?php echo $row['Code']; ?>"> Iztrij </a>
</td>
</tr>
<?php
}
}
```

```

$conn->close();
?>
</table>
<p> <a href="index.htm#Menu"> Menu =>> </a>
</body> </html>

```

10/ Сортиране на данни с файла sort.php:

```

<html> <head> <title> Sortirane </title> </head>
<body bgcolor=Lightblue>
<h2> Sortirane po izbrana kolona </h2>
<table border="4" bordercolor="black" cellpadding="15" cellspacing="0"
bgcolor="lightgreen" width=50%>
<caption> <b> <big> Za sortirane kliknete v ime na kolona </big> </b> </caption>
<tr>
<th bgcolor="yellow"> <a href="sort.php?vid=Code"> Kod </a> </th>
<th bgcolor="lime"> <a href="sort.php?vid=Name"> Ime </a> </th>
<th bgcolor="silver"> <a href="sort.php?vid=Kind"> Vid </a> </th>
<th bgcolor="lightblue"> <a href="sort.php?vid=Sum"> Suma </a> </th>
</tr>

```

```

<?php
if( isset($_REQUEST['vid']) && $_REQUEST['vid'] != "")
    $vid = $_REQUEST['vid'];
else $vid="Code";
$vid=urlencode($vid);
echo "<a href='sort.php?vid=$vid'>";
include "config.php";
$sql="SELECT * FROM User ORDER BY " . $vid . " ASC";
$result=$conn->query($sql);
if ($result->num_rows <= 0)
    echo "0 results";
else
{
?>
</tr>

```

```

<?php
while($row = $result->fetch_assoc())
{
?>
<tr>
<td align=center><?php echo $row["Code"] ?> </td>
<td><?php echo $row["Name"] ?></td>
<td><?php echo $row["Kind"] ?></td>
<td><?php echo $row["Sum"] ?></td>
</tr>

```





```

}
}
?>
</table>
<?php
    $conn->close();
?> <p>
<a href="index.htm#Menu"> Menu=>> </a>
</body> </html>
12/ Търсене на данни за партньори, на които фирмата има задължение над
зададена стойност - с файла suma.php:

<html> <head> <title> Tarsene </title> </head>
<body bgcolor=Lightblue>
<h2>Tarsene po suma </h2>
<?php
include "config.php";
$result=null;
if(isset($_POST['max']))
    $sql="SELECT * FROM User WHERE Kind = 2 AND Sum > " .(float)$_POST['max'].
" ORDER BY Sum ASC";
else
    $sql="SELECT * FROM User WHERE Kind = 2 AND Sum > 0 ORDER BY Sum
ASC";
$result=$conn->query($sql);
if ($result->num_rows <= 0)
    echo "0 results";
else
{
    $zag=array("Kod","Ime","Vid","Suma");
?>

<table border="4" bordercolor="black" cellpadding="15" cellspacing="0"
bgcolor="yellow" width=50%>
<caption> <b> <big> Partneri, na koito firmata ima zadaljenia nad <?php echo
$_POST['max']; ?> leva: </big></b></caption>
<tr>
<?php
foreach($zag as $v) echo "<th bgcolor='lime'>" . $v. "</th>";
?>
</tr>

<?php
while($row = $result->fetch_assoc())
{ ?>
<tr>
<td><?php echo $row["Code"] ; ?></td>
<td><?php echo $row["Name"] ; ?></td>
<td><?php echo $row["Kind"] ; ?></td>

```

```

<td><?php echo $row["Sum"] ; ?></td>
</tr>
<?php
}
}
?>
</table> <p>
<?php $conn->close(); ?>
<a href="index.htm#Menu"> Menu=>> </a>
</body> </html>
0/ Файл  Readme.txt

```

Указания за ползване на файловете от папката Proek1San за създаване на информационна система, която служи за решаване на задача 11 (да се спазва посочената последователност).

1/ файл newdb11.php - създаване на нова база данни – изпълнява се само веднъж.

2/ файл config.php – конфигурационен файл за вмъкване навсякъде.

3/ файл begin.php – начално попълване на таблица с данни - изпълнява се само веднъж.

4/ файл index.htm – менюто.

5/ файл sellectall.php – извеждане на всички записи от таблица на базата данни.

6/ файл append.php - вариант за добавяне на нов запис в таблица.

7/ файл edit.php – променяне на данни в избран запис от таблица.

8/ файл delete.php – изтриване на избран запис от таблица на база данни.

9/ файл balans.php - баланс на фирмата.

10/ файл sort.php - сортиране по всяка една от колоните на таблицата.

11/ файл suma.php - търсене на партньори, към които фирмата има задължение над зададена стойност.

12/ файл vid.php – търсене по зададен вид на партньора.