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федеральное государственное автономное образовательное учреждение
высшего образования
«САНКТ-ПЕТЕРБУРГСКИЙ НАЦИОНАЛЬНЫЙ ИССЛЕДОВАТЕЛЬСКИЙ
УНИВЕРСИТЕТ ИТМО»
Факультет среднего профессионального образования

ОТЧЁТ
ПО ПРАКТИЧЕСКОЙ РАБОТЕ № 6
по теме: Разработка интерфейсов для выполнения crud-операций
на базой данных средствами php
по дисциплине: Основы проектирования баз данных

Специальность 09.02.07 Информационные системы и программирование

Проверил:
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Оценка _____

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Санкт-Петербург 2020

ЦЕЛЬ РАБОТЫ

Цель практической работы №6: овладеть практическими навыками разработки форм для вставки, выборки и редактирования данных.

ЗАДАНИЕ

1. Изучить функции открытия соединения к базе данных средствами PHP.
2. Изучить основные функции для создания php-скрипта (на базе видео-уроков 1-7).
3. Создать сайт с использованием базовых возможностей PHP (в соответствии с содержанием видео-уроков 1-7).

ВЫПОЛНЕНИЕ

1) Схема физической модели БД, спроектированной с использованием СА Erwin Data Modeler представлена на рисунке №1.

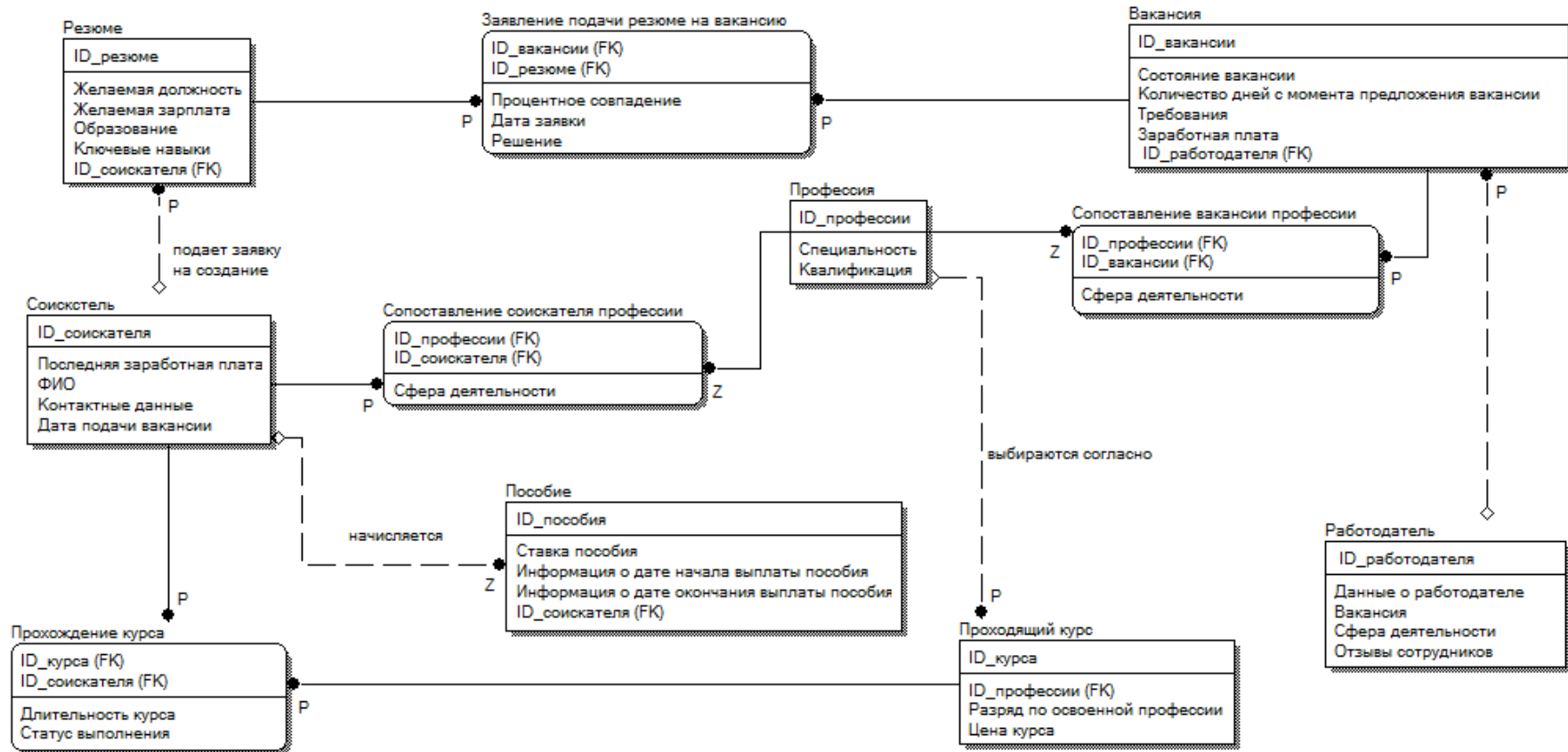


Рисунок 1 Схема инфологической модели данных БД, выполненная в среде СА ERwin Process Modeler

2) Запросы:

Показать список специальностей и квалификации, для которых курсы стоят меньше введенного значения

```
Index.html
<!DOCTYPE html>
<head>
<meta charset="utf-8">
<title>Показать список специальностей и квалификации, для кото-
рых курсы стоят меньше введенного значения</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/boot-
strap/3.3.7/css/bootstrap.min.css" integrity="sha384-
BVYiISiFeK1dGmJRAkycuHAHRg32OmUcww7on3RYdg4Va+PmSTsz/K68
vbdEjh4u" crossorigin="anonymous">
<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/boot-
strap/3.3.7/css/bootstrap-theme.min.css" integrity="sha384-
rHyoN1iRsVXV4nD0JutlnGaslCJuC7uwjduW9SVrLvRYooPp2bWYgmgJQI
Xwl/Sp" crossorigin="anonymous">
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/boot-
strap.min.js" integrity="sha384-Tc5IQib027qvyjSMfHjOMaLkfuWVxZxUP-
nCJA712mCWNIpG9mGCD8wGNlCPD7Txa" crossorigin="anony-
mous"></script>
<style>
body {
padding: 30px;
}
body{background:url(images/pageBg2.png) repeat; color:#d4dae0;}
h1{font:normal 20px/20px Georgia, "Times New Roman", Times, serif;
text-align:center; padding-top:20px;}
```

```

p{text-align:center; padding:20px; border-bottom:#bbb dotted 3px;
font:normal 13px/16px Georgia, "Times New Roman", Times, serif}
a{;color:#999;} a:hover{color:#666;} form{ margin:0 auto;}
<link rel="stylesheet" href="http://htmlbook.ru/mysite.css">
</style>
<script src="jquery-1.7.2.min.js"></script>
<script src="jquery.placeholder.min.js"></script>
</head>
<body>
    <h2>Показать список специальностей и квалификации, для кото-
рых курсы стоят меньше введенного значения</h2>
    <ul>
        <form name="select" action="select.php" method="POST" >
            <input type="search" name="CoursePrice" maxlength="128" place-
holder="Найти...">
            <input type="button" class="btn btn-success" value="Поиск">
        </form>
    </ul>
</body>
</html>

```

Select.php

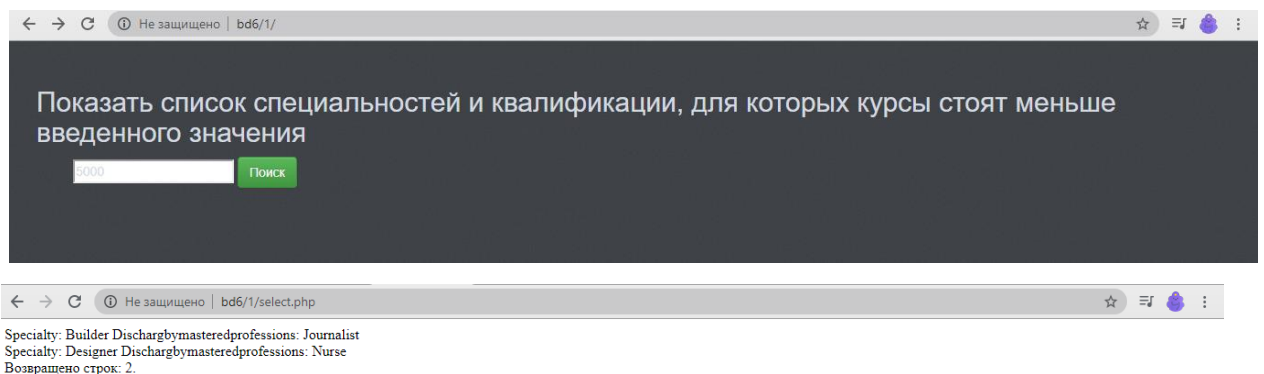
```

<?php
$dbuser = 'postgres';
$dbpass = '1234';
$host = 'localhost';
$dbname='Annn';
$db = pg_connect("host=$host dbname=$dbname user=$dbuser pass-
word=$dbpass");

```

```
$result = pg_query($db, "SELECT Specialty, Dischargbymasteredprofessions from Course ,Profession where CoursePrice<='$_POST[CoursePrice]' and Profession.ID_Profession=Course.ID_Profession group by Specialty, Dischargbymasteredprofessions ");
```

```
if (!$result) {
    echo "Произошла ошибка.\n";
    exit;
}
while ($row = pg_fetch_row($result)) {
    echo "Specialty: $row[0] Dischargbymasteredprofessions: $row[1]";
    echo "<br />\n";
}
$rows = pg_num_rows($result);
echo "Возвращено строк: " . $rows . ".\n";
$row = pg_fetch_assoc($result);
?>
```



Показать список требований в вакансиях, у которых зарплата больше введенной суммы и занятость соответствует выбранной

Index.html

```
<!DOCTYPE html>
<head>
<meta charset="utf-8">
```

<title>Показать список требований в вакансиях, у которых зарплата больше введённой суммы и занятость соответствует выбранной</title>

<style>

body{background:url(images/pageBg2.png) repeat; color:#8B4513;}

h1{font:normal 20px/20px Georgia, "Times New Roman", Times, serif; text-align:center; padding-top:20px;}

p{text-align:center; padding:20px; border-bottom:#bbb dotted 3px; font:normal 13px/16px Georgia, "Times New Roman", Times, serif}

a{color:#8B4513;} a:hover{color:#666;} form{ margin:0 auto;}

<link rel="stylesheet" href="http://htmlbook.ru/mysite.css">

</style>

<script src="jquery-1.7.2.min.js"></script>

<script src="jquery.placeholder.min.js"></script>

</head>

<body>

<h2>Показать список требований в вакансиях, у которых зарплата больше введённой суммы и занятость соответствует выбранной</h2>

<form name="select" action="select.php" method="POST" >

Condition vacancies:

<select name="select" name="ConditionVacancies" >

<option selected value="Full time work">Full time work</option>

<option value="Part time">Part time</option>

</select>

Salary:

<input type="search" name="Salary" maxlength="128" placeholder="Найти...">

<input type="submit" value="Поиск">

</form>


```
</ul>
</body>
</html>
```

Select.php

```
<?php
$dbuser = 'postgres';
$dbpass = '1234';
$host = 'localhost';
$dbname='Annn';
$db = pg_connect("host=$host dbname=$dbname user=$dbuser pass-
word=$dbpass");
$result = pg_query($db, "SELECT Requirements FROM Vacancy where
Salary>='$_POST[Salary]' /*and ConditionVacancies='$_POST[ConditionVa-
cancies]*/ Order BY numberdays");
if (!$result) {
    echo "Произошла ошибка.\n";
    exit;
}
while ($row = pg_fetch_row($result)) {
    echo "Requirements: $row[0] ";
    echo "<br />\n";
}
$rows = pg_num_rows($result);
echo "Возвращено строк: " . $rows . ".\n";
$row = pg_fetch_assoc($result);
?>
```

Показать список требований в вакансиях, у которых зарплата больше введённой суммы и занятость соответствует выбранной

- Condition vacancies:
Full time work ▼
- Salary:
60000 Поиск

Requirements: Engineer
Requirements: Driver
Requirements: Driver
Requirements: Builder
Возвращено строк: 4.

Определить работодателей, у которых есть выставленные вакансии

Index.html

<!DOCTYPE html>

<head>

<meta charset="utf-8">

<title>Определить работодателей, у которых есть выставленные ва-

кансии

</title>

<style>

body{background:url(images/pageBg2.png) repeat; color:#8B4513;}

h1{font:normal 20px/20px Georgia, "Times New Roman", Times, serif;

text-align:center; padding-top:20px;}

p{text-align:center; padding:20px; border-bottom:#bbb dotted 3px;

font:normal 13px/16px Georgia, "Times New Roman", Times, serif}

a{;color:#8B4513;} a:hover{color:#666;} form{ margin:0 auto;}

<link rel="stylesheet" href="http://htmlbook.ru/mysite.css">

</style>

<script src="jquery-1.7.2.min.js"></script>

<script src="jquery.placeholder.min.js"></script>

</head>

<body>

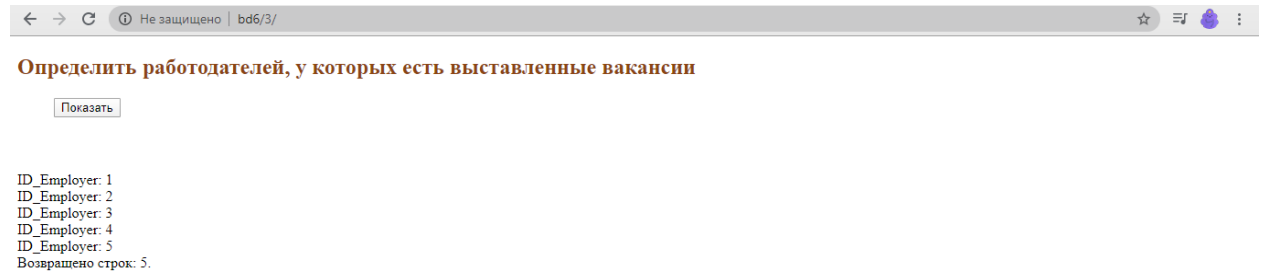
```
<h2>Определить работодателей, у которых есть выставленные ва-  
кансии</h2>
```

```
<ul>  
  <form name="select" action="select.php" method="POST" >  
    <input type="submit" value="Показать">  
  </form>  
</ul>  
</body>  
</html>
```

```
Select.php  
<?php  
$dbuser = 'postgres';  
$dbpass = '1234';  
$host = 'localhost';  
$dbname='Annn';  
$db = pg_connect("host=$host dbname=$dbname user=$dbuser pass-  
word=$dbpass");  
$result = pg_query($db, "SELECT ID_Employer FROM Employer IN-  
TERSECT SELECT ID_Employer FROM Vacancy order by ID_Employer");  
if (!$result) {  
  echo "Произошла ошибка.\n";  
  exit;  
}  
while ($row = pg_fetch_row($result)) {  
  echo "ID_Employer: $row[0] ";  
  echo "<br />\n";  
}  
$rows = pg_num_rows($result);  
echo "Возвращено строк: " . $rows . ".\n";
```

```
$row = pg_fetch_assoc($result);
```

```
?>
```



Показать специальности, которые совпадают по с вакансиями, у которых количество дней с момента предложения вакансии для незакрытых вакансий больше количеству введенных дней

Index.html

```
<!DOCTYPE html>

<head>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<title> Показать специальности, которые совпадают по с вакансиями,
у которых количество дней с момента предложения вакансии для незакры-
тых вакансий больше количеству введенных дней </title>

<body style="color:Yellow; background-color:#66cc66">

<style>

body{padding:    20px;background:url(images/pageBg2.png)    repeat;
color:#00FFFF;}

</style>

</head>

<body>

<h2>Показать специальности, которые совпадают по с ваканси-
ями, у которых количество дней с момента предложения вакансии для не-
закрытых вакансий больше количеству введенных дней</h2>

<ul>

<form name="select" action="select.php" method="POST" >
```

```

        <li>Number Days:</li>
        <input type="search" name="NumberDays" maxlength="128"
placeholder="Найти...">
        <input type="submit" class="btn btn-link" value="Поиск">
        <script src="https://ajax.goog-
leapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
        <script src="js/bootstrap.min.js"></script>
        </form>
    </ul>
</body>
</html>

```

```

Select.php
<?php
$dbuser = 'postgres';
$dbpass = '1234';
$host = 'localhost';
$dbname='Annn';
$db = pg_connect("host=$host dbname=$dbname user=$dbuser pass-
word=$dbpass");
$result = pg_query($db, "Select Specialty from Profession where EXISTS
( Select Requirements from Vacancy where NumberDays>=$_POST[Num-
berDays]')");
if (!$result) {
    echo "Произошла ошибка.\n";
    exit;
}
while ($row = pg_fetch_row($result)) {
    echo "Specialty: $row[0] ";
    echo "<br />\n";
}

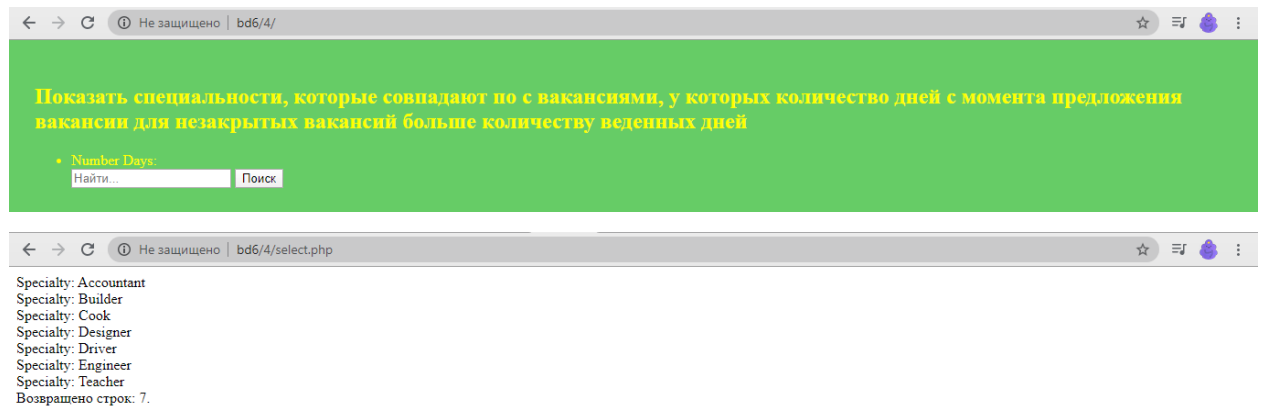
```

```

}
$rows = pg_num_rows($result);
echo "Возвращено строк: " . $rows . ".\n";
$row = pg_fetch_assoc($result);

?>

```



Показать работодателей, у которых отзывы соответствуют заданным и объединить их с их вакансиями, у которых рабочая занятость равна заданной

```

Index.html
<!DOCTYPE html>

<head>
<meta charset="utf-8">

<title>Показать работодателей, у которых отзывы соответствуют за-
данным и объединить их с их вакансиями, у которых рабочая занятость
равна заданной</title>

<body style="color:Red; background-color:#66cc66">
</head>

<body>

<h2>Показать работодателей, у которых отзывы соответствуют за-
данным и объединить их с их вакансиями, у которых рабочая занятость
равна заданной</h2>

```

```

<ul>
  <form name="select" action="select.php" method="POST" >
    <li>Reviews:</li>
    <select name="Reviews" >
      <option selected value="good">Good</option>
      <option value="bad">Bad</option>
    </select>
    <li>Condition vacancies:</li>
    <select name="ConditionVacancies" >
      <option selected value="full time work">Full time work</option>
      <option value="part time">Part time</option>
    </select>
    <input type="submit" value="Поиск">
  </form>
</ul>
</body>
</html>

```

```

Select.php
<?php
$dbuser = 'postgres';
$dbpass = '1234';
$host = 'localhost';
$dbname='Annn';
$db = pg_connect("host=$host dbname=$dbname user=$dbuser pass-
word=$dbpass");
$result = pg_query($db, "SELECT ID_Employer FROM Employer
where( Reviews='$_POST[Reviews]') UNION SELECT ID_Employer FROM
Vacancy where ConditionVacancies='$_POST[ConditionVacancies]' order by
ID_Employer");

```

```

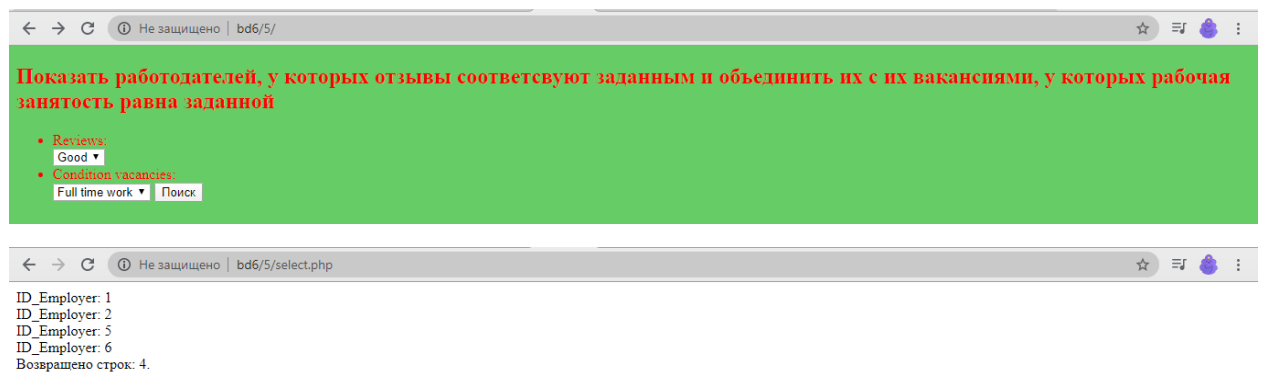
if (!$result) {
    echo "Произошла ошибка.\n";
    exit;
}

while ($row = pg_fetch_row($result)) {
    echo "ID_Employer: $row[0] ";
    echo "<br />\n";
}

$rows = pg_num_rows($result);
echo "Возвращено строк: " . $rows . ".\n";

$row = pg_fetch_assoc($result);
?>

```



Index.html

```
<!DOCTYPE html>

<head>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<title>Добавление</title>

<body style="color:Pink; background-color:black">

    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/boot-
strap/3.3.7/css/bootstrap.min.css" integrity="sha384-
BVYiISiFeK1dGmJRAkycuHAHRg32OmUcww7on3RYdg4Va+PmSTsz/K68
vbdEjh4u" crossorigin="anonymous">

    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/boot-
strap/3.3.7/css/bootstrap-theme.min.css" integrity="sha384-
rHyoN1iRsVXV4nD0JutlnGaslCJuC7uwjduW9SVrLvRYooPp2bWYgmgJQI
Xwl/Sp" crossorigin="anonymous">

    <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/boot-
strap.min.js" integrity="sha384-Tc5IQib027qvyjSMfHjOMaLkfuWVxZxUP-
nCJA7I2mCWNIpG9mGCD8wGNlcpPD7Txa" crossorigin="anony-
mous"></script>

    <style>

<link rel="stylesheet" href="http://htmlbook.ru/mysite.css">

</style>

<script src="jquery-1.7.2.min.js"></script>

<script src="jquery.placeholder.min.js"></script>

</head>

<body>

    <h2>Работа в таблице Course</h2>

    <ul>

        <form action="select.php" method="POST" >
```

```
<input type="text" name="ID_Course" maxlength="128" placeholder="Ввести ID_Course">
```

```
<input type="search" name="dischargbymasteredprofessions"
maxlength="128" placeholder="Ввести Discharg by mastered professions">
```

```
<input type="text" name="courseprice" maxlength="128" placeholder="Ввести Course price">
```

```
<input type="text" name="id_profession" maxlength="128" placeholder="Ввести ID_Profession">
```

```
<li>Action:</li>
```

```
<div class="input-group mb-3">
```

```
<div class="input-group-prepend">
```

```
<button class="btn btn-outline-secondary" name="action"
value="add"/>add</button>
```

```
<button class="btn btn-outline-secondary" name="action" value="delete"/>delete</button>
```

```
<button class="btn btn-outline-secondary" name="action"
value="edit"/>edit</button>
```

```
</div>
```

```
</div>
```

```
</form>
```

```
</ul>
```

```
</body>
```

```
</html>
```

Select.php

```
<?php
```

```
$arg1 = $_POST['id_course'];
```

```
$arg3= $_POST['dischargbymasteredprofessions'];
```

```
$arg4 = $_POST['courseprice'];
```

```
$arg5 = $_POST['reviews'];
```

```

    $arg6 = $_POST['id_profession'];
    $arg2 = $_POST['action'];

    echo("row was ".$arg2. "<br/>");
    $dbuser = 'postgres';
    $dbpass = '1234';
    $host = 'localhost';
    $dbname='Annn';
    $pdo = new PDO("pgsql:host=$host;dbname=$dbname", $dbuser,
$dbpass);
    if($arg2 == "add"){
        $pdo->query("INSERT INTO course VALUES ('$arg1', '$arg3', '$arg4',
'$arg5')");
    }elseif($arg2 == "delete"){
        $pdo->query("delete from course where id_course = '$arg1'");
    }elseif($arg2 == "edit"){
        $pdo->query("update course set dischargbymasteredprofessions = '$arg3'
and courseprice = '$arg4' and reviews = '$arg5' and id_profession = '$arg6' where
id_course = '$arg1'");
    }
    $data = $pdo->query('SELECT * FROM course');
    echo("Course: <br/>");
    foreach($data as $row){
        echo " id: ".$row['id_course']. " ";
        echo " Discharg by mastered professions: ".$row['dischargbymas-
teredprofessions']. "<br/>";
        echo " Course price: ".$row['courseprice']. " ";
        echo " ID_Profession: ".$row['id_profession']. "<br/>";
    }
    ?>

```

COURSE

Insert

← → ↻ Не защищено | bd6/Course/

Работа в таблице Course

10	teacher	8000	4
----	---------	------	---

Action:

← → ↻ Не защищено | bd6/Course/select.php

row was add

Course:

id: 3 Discharg by mastered professions: Mechanic
Course price: 12000 ID_Profession: 1

id: 2 Discharg by mastered professions: Journalist
Course price: 5000 ID_Profession: 2

id: 4 Discharg by mastered professions: Lawyer
Course price: 6000 ID_Profession: 3

id: 1 Discharg by mastered professions: Journalist
Course price: 8500 ID_Profession: 3

id: 5 Discharg by mastered professions: Nurse
Course price: 3000 ID_Profession: 4

id: 6 Discharg by mastered professions: Photographer
Course price: 15000 ID_Profession: 5

id: 7 Discharg by mastered professions: Model
Course price: 7500 ID_Profession: 1

id: 8 Discharg by mastered professions: Cook
Course price: 2500 ID_Profession: 3

id: 10 Discharg by mastered professions: Teacher
Course price: 8000 ID_Profession: 4

Update

← → ↻ Не защищено | bd6/Course/

Работа в таблице Course

10	teacher	10000	4
----	---------	-------	---

Action:

← → ↻ Не защищено | bd6/Course/select.php

row was edit

Course:

id: 3 Discharg by mastered professions: Mechanic
Course price: 12000 ID_Profession: 1

id: 2 Discharg by mastered professions: Journalist
Course price: 5000 ID_Profession: 2

id: 4 Discharg by mastered professions: Lawyer
Course price: 6000 ID_Profession: 3

id: 1 Discharg by mastered professions: Journalist
Course price: 8500 ID_Profession: 3

id: 5 Discharg by mastered professions: Nurse
Course price: 3000 ID_Profession: 4

id: 6 Discharg by mastered professions: Photographer
Course price: 15000 ID_Profession: 5

id: 7 Discharg by mastered professions: Model
Course price: 7500 ID_Profession: 1

id: 8 Discharg by mastered professions: Cook
Course price: 2500 ID_Profession: 3

id: 10 Discharg by mastered professions: Teacher
Course price: 10000 ID_Profession: 4

Delete

← → ↻ Не защищено | bd6/Course/

Работа в таблице Course

10	teacher	8000	4
----	---------	------	---

Action:

← → ↻ Не защищено | bd5/Course/select.php ☆

```

row was delete
Course:
id: 3 Discharg by mastered professions: Mechanic
Course price: 12000 ID_Profession: 1
id: 2 Discharg by mastered professions: Journalist
Course price: 5000 ID_Profession: 2
id: 4 Discharg by mastered professions: Lawyer
Course price: 6000 ID_Profession: 3
id: 1 Discharg by mastered professions: Journalist
Course price: 8500 ID_Profession: 3
id: 5 Discharg by mastered professions: Nurse
Course price: 3000 ID_Profession: 4
id: 6 Discharg by mastered professions: Photographer
Course price: 15000 ID_Profession: 5
id: 7 Discharg by mastered professions: Model
Course price: 7500 ID_Profession: 1
id: 8 Discharg by mastered professions: Cook
Course price: 2500 ID_Profession: 3

```

EMPLOYER

Index.html

```

<!DOCTYPE html>

<head>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<title>Добавление</title>

<body style="color:Yellow; background-color:#66cc66">

    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/boot-
strap/3.3.7/css/bootstrap.min.css" integrity="sha384-
BVYiISiFeK1dGmJRAkycuHAHRg32OmUcww7on3RYdg4Va+PmSTsz/K68
vbdEjh4u" crossorigin="anonymous">

    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/boot-
strap/3.3.7/css/bootstrap-theme.min.css" integrity="sha384-
rHyoN1iRsVXV4nD0JutlnGaslCJuC7uwjduW9SVrLvRYooPp2bWYgmgJQI
Xwl/Sp" crossorigin="anonymous">

    <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/boot-
strap.min.js" integrity="sha384-Tc5IQib027qvyjSMfHjOMaLkfuWVxZxUP-
nCJA7l2mCWNIpG9mGCD8wGNlCPD7Txa" crossorigin="anony-
mous"></script>

    <style>

<link rel="stylesheet" href="http://htmlbook.ru/mysite.css">

</style>

<script src="jquery-1.7.2.min.js"></script>

```

```

<script src="jquery.placeholder.min.js"></script>
</head>
<body>
  <h2>Работа в таблице Employer</h2>
  <ul>
    <form action="select.php" method="POST" >
      <input type="text" name="ID_Employer" maxlength="128" place-
holder="Ввести ID_Employer">
      <input type="text" name="data" maxlength="128" place-
holder="Ввести data">
      <input type="text" name="fieldofactivity" maxlength="128" place-
holder="Ввести fieldofactivity">
      <input type="text" name="reviews" maxlength="128" place-
holder="Ввести reviews">
      <li>Action:</li>
      <div class="input-group mb-3">
        <div class="input-group-prepend">
          <button class="btn btn-outline-secondary" name="action"
value="add"/>add</button>
          <button class="btn btn-outline-secondary" name="action" value="de-
lete"/>delete</button>
          <button class="btn btn-outline-secondary" name="action"
value="edit"/>edit</button>
        </div>
      </div>
    </form>
  </ul>
</body>
</html>
Select.php

```

```

<?php
    $arg1 = $_POST['id_employer'];
    $arg3= $_POST['data'];
    $arg4 = $_POST['fieldofactivity'];
    $arg5 = $_POST['reviews'];
    $arg2 = $_POST['action'];
    echo("row was ".$arg2. "<br/>");
    $dbuser = 'postgres';
    $dbpass = '1234';
    $host = 'localhost';
    $dbname='Annn';
    $pdo = new PDO("pgsql:host=$host;dbname=$dbname", $dbuser,
$dbpass);
    if($arg2 == "add"){
        $pdo->query("INSERT INTO employer VALUES ('$arg1', '$arg3',
'$arg4', '$arg5')");
    }elseif($arg2 == "delete"){
        $pdo->query("delete from employer where id_employer = '$arg1'");
    }elseif($arg2 == "edit"){
        $pdo->query("update employer set data = '$arg3' and fieldofactivity =
'$arg4' and reviews = '$arg5' where id_employer = '$arg1'"); }
    $data = $pdo->query('SELECT * FROM employer');
    echo("Employer: <br/>");
    foreach($data as $row){
        echo " id: ".$row['id_employer']. " ";
        echo " Data: ".$row['data']. "<br/>";
        echo " Field of activity: ".$row['fieldofactivity']. " ";
        echo " Reviews: ".$row['reviews']. "<br/>";
    }
?>

```

Insert

← → ↻ Не защищено | bd6/Employer/

Работа в таблице Employer

10	Praha	Model	good
----	-------	-------	------

• Action:

← → ↻ Не защищено | bd6/Employer/select.php

row was add
Employer:
id: 1 Data: X5 Retail Group
Field of activity: Reviews: good
id: 2 Data: Evraz
Field of activity: Reviews: good
id: 3 Data: UC Rusal
Field of activity: Reviews: bad
id: 4 Data: VEON
Field of activity: Reviews: bad
id: 5 Data: DNS
Field of activity: Reviews: good
id: 6 Data: Major
Field of activity: Reviews: good
id: 10 Data: Praha
Field of activity: Reviews: good

Update

← → ↻ Не защищено | bd6/Employer/

Работа в таблице Employer

10	Praha	Model	bad
----	-------	-------	-----

• Action:

← → ↻ Не защищено | bd6/Employer/select.php

row was edit
Employer:
id: 1 Data: X5 Retail Group
Field of activity: Reviews: good
id: 2 Data: Evraz
Field of activity: Reviews: good
id: 3 Data: UC Rusal
Field of activity: Reviews: bad
id: 4 Data: VEON
Field of activity: Reviews: bad
id: 5 Data: DNS
Field of activity: Reviews: good
id: 6 Data: Major
Field of activity: Reviews: good
id: 10 Data: Praha
Field of activity: Reviews: bad

Delete

← → ↻ Не защищено | bd6/Employer/

Работа в таблице Employer

10	Praha	Model	good
----	-------	-------	------

• Action:

← → ↻ Не защищено | bd6/Employer/select.php

row was delete
Employer:
id: 1 Data: X5 Retail Group
Field of activity: Reviews: good
id: 2 Data: Evraz
Field of activity: Reviews: good
id: 3 Data: UC Rusal
Field of activity: Reviews: bad
id: 4 Data: VEON
Field of activity: Reviews: bad
id: 5 Data: DNS
Field of activity: Reviews: good
id: 6 Data: Major
Field of activity: Reviews: good

PROFESSION

Index.html

```
<!DOCTYPE html>

<head>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<title>Добавление</title>

<body style="color:Red; background-color:#660066">

  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/boot-
strap/3.3.7/css/bootstrap.min.css" integrity="sha384-
BVYiISiFeK1dGmJRAkycuHAHRg32OmUcww7on3RYdg4Va+PmSTsz/K68
vbdEjh4u" crossorigin="anonymous">

  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/boot-
strap/3.3.7/css/bootstrap-theme.min.css" integrity="sha384-
rHyoN1iRsVXV4nD0JutlnGaslCJuC7uwjduW9SVrLvRYooPp2bWYgmgJQI
Xwl/Sp" crossorigin="anonymous">

  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/boot-
strap.min.js" integrity="sha384-Tc5IQib027qvyjSMfHjOMaLkfuWVxZxUP-
nCJA7l2mCWNIpG9mGCD8wGNlCPD7Txa" crossorigin="anony-
mous"></script>

  <style>

<link rel="stylesheet" href="http://htmlbook.ru/mysite.css">

</style>

<script src="jquery-1.7.2.min.js"></script>

<script src="jquery.placeholder.min.js"></script>

</head>

<body>

  <h2>Работа в таблице Profession</h2>
```

```

<ul>
  <form action="select.php" method="POST" >
    <input type="text" name="id_profession" placeholder="Ввести pro-
fession">
    <input type="text" name="specialty" maxlength="128" place-
holder="Ввести specialty">
    <li>Action:</li>
    <div class="input-group mb-3">
      <div class="input-group-prepend">
        <button class="btn btn-outline-secondary" name="action"
value="add"/>add</button>
        <button class="btn btn-outline-secondary" name="action" value="de-
lete"/>delete</button>
        <button class="btn btn-outline-secondary" name="action"
value="edit"/>edit</button>
      </div>
    </div>
  </form>
</ul>
</body>
</html>

```

Select.php

```

<?php
$arg1 = $_POST['id_profession'];
$arg3= $_POST['specialty'];
$arg2 = $_POST['action'];
echo("row was ".$arg2. "<br/>");

```

```

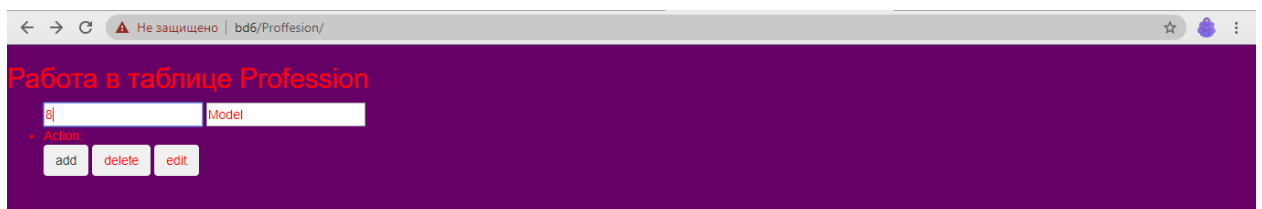
$dbuser = 'postgres';
$dbpass = '1234';
$host = 'localhost';
$dbname='Annn';
$pdo = new PDO("pgsql:host=$host;dbname=$dbname", $dbuser,
$dbpass);

if($arg2 == "add"){
$pdo->query("INSERT INTO profession VALUES ('$arg1', '$arg3')");
}elseif($arg2 == "delete"){
$pdo->query("delete from profession where id_profession = '$arg1'");
}elseif($arg2 == "edit"){
$pdo->query("update profession set specialty = '$arg3' where id_profes-
sion = '$arg1'");
}

$data = $pdo->query('SELECT * FROM profession');
echo("Profession: <br/>");
foreach($data as $row){
echo " id: ".$row['id_profession']. " ";
echo " Specialty: ".$row['specialty']. "<br/>";
}
?>

```

Insert



row was add
Profession:
id: 1 Specialty: Accountant
id: 2 Specialty: Builder
id: 3 Specialty: Cook
id: 4 Specialty: Designer
id: 5 Specialty: Driver
id: 6 Specialty: Engineer
id: 7 Specialty: Teacher
id: 8 Specialty: Model

Update

row was edit
Profession:
id: 1 Specialty: Accountant
id: 2 Specialty: Builder
id: 3 Specialty: Cook
id: 4 Specialty: Designer
id: 5 Specialty: Driver
id: 6 Specialty: Engineer
id: 7 Specialty: Teacher
id: 8 Specialty: Actor

row was edit
Profession:
id: 1 Specialty: Accountant
id: 2 Specialty: Builder
id: 3 Specialty: Cook
id: 4 Specialty: Designer
id: 5 Specialty: Driver
id: 6 Specialty: Engineer
id: 7 Specialty: Teacher
id: 8 Specialty: Actor

Delete

row was delete
Profession:
id: 1 Specialty: Accountant
id: 2 Specialty: Builder
id: 3 Specialty: Cook
id: 4 Specialty: Designer
id: 5 Specialty: Driver
id: 6 Specialty: Engineer
id: 7 Specialty: Teacher

row was delete
Profession:
id: 1 Specialty: Accountant
id: 2 Specialty: Builder
id: 3 Specialty: Cook
id: 4 Specialty: Designer
id: 5 Specialty: Driver
id: 6 Specialty: Engineer
id: 7 Specialty: Teacher

SUMMARY

Index.html

```
<!DOCTYPE html>
```

```
<head>
```

```
<meta charset="utf-8">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1">
```

```
<title>Добавление</title>
```

```
<body style="color:#E6E6FA; background-color:#191970">
```

```
<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css" integrity="sha384-BVYiISiFeK1dGmJRAkycuHAHRg32OmUcww7on3RYdg4Va+PmSTsz/K68vbdEjh4u" crossorigin="anonymous">
```

```
<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap-theme.min.css" integrity="sha384-rHyoN1iRsVXV4nD0JutlnGaslCJuC7uwjduW9SVrLvRYooPp2bWYgmgJQIXwl/Sp" crossorigin="anonymous">
```

```
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js" integrity="sha384-Tc5IQib027qvyjSMfHjOMaLkfuWVxZxUP-nCJA7l2mCWNIPg9mGCD8wGNlCPD7Txa" crossorigin="anonymous"></script>
```

```
<style>
```

```
<link rel="stylesheet" href="http://htmlbook.ru/mysite.css">
```

```
</style>
```

```
<script src="jquery-1.7.2.min.js"></script>
```

```
<script src="jquery.placeholder.min.js"></script>
```

```
</head>
```

```
<body>
```

```
<h2>Работа в таблице Summary</h2>
```

```
<ul>
```

```
<form action="select.php" method="POST" >
```

```
<input type="text" name="id_summary" maxlength="128" placeholder="Ввести ID_Summary">
```

```
<input type="text" name="desiredposition" maxlength="128" placeholder="Ввести desired position">
```

```
<input type="text" name="education" maxlength="128" placeholder="Ввести education">
```

```
<input type="text" name="id_jobseeker" maxlength="128" placeholder="Ввести id_jobseeker">
```

```

        <input type="text" name="desiredsalary" maxlength="128" place-
holder="Ввести desired salary">
        </li>Action:</li>
        <div class="input-group mb-3">
            <div class="input-group-prepend">
                <button class="btn btn-outline-secondary" name="action"
value="add"/>add</button>
                <button class="btn btn-outline-secondary" name="action" value="de-
lete"/>delete</button>
                <button class="btn btn-outline-secondary" name="action"
value="edit"/>edit</button>
            </div>
        </div>
    </div>
</form>
</ul>
</body>
</html>

```

Select.php

```

<?php
$arg1 = $_POST['id_summary'];
$arg3= $_POST['desiredposition'];
$arg4 = $_POST['education'];
$arg5 = $_POST['id_jobseeker'];
$arg6 = $_POST['desiredsalary'];
$arg2 = $_POST['action'];
echo("row was ".$arg2. "<br/>");
$dbuser = 'postgres';
$dbpass = '1234';
$host = 'localhost';

```

```

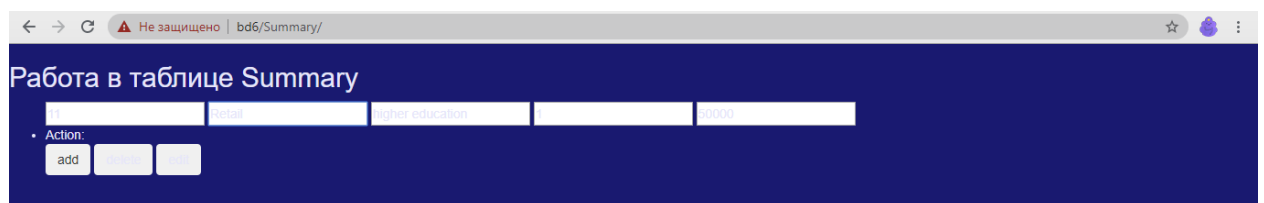
$dbname='Annn';

$pdo = new PDO("pgsql:host=$host;dbname=$dbname", $dbuser,
$dbpass);

if($arg2 == "add"){
    $pdo->query("INSERT INTO summary VALUES ('$arg1', '$arg3',
'$arg4', '$arg5', '$arg6')");
    }elseif($arg2 == "delete"){
        $pdo->query("delete from summary where id_summary = '$arg1'");
    }elseif($arg2 == "edit"){
        $pdo->query("update summary set desiredposition = '$arg3' and education
= '$arg4' and id_jobseeker = '$arg5' and desiredsalary = '$arg6' where id_sum-
mary = '$arg1'");
    }
    $data = $pdo->query('SELECT * FROM summary');
    echo("Summary: <br/>");
    foreach($data as $row){
        echo " ID: ".$row['id_summary']. " ";
        echo " Desired position: ".$row['data']. "<br/>";
        echo " Education: ".$row['fieldofactivity']. " ";
        echo " ID_jobseeker: ".$row['reviews']. "<br/>";
        echo " Desired salary: ".$row['reviews']. "<br/>";
    }
    ?>

```

Insert



Работа в таблице Summary

id	data	fieldofactivity	reviews	salary
----	------	-----------------	---------	--------

Action:

add delete edit

```
row was add
row was 11
Summary:
ID: 1 Desired position:
Education: ID_jobseeker: 2
Desired salary: 10000
ID: 2 Desired position:
Education: ID_jobseeker: 3
Desired salary: 50000
ID: 3 Desired position:
Education: ID_jobseeker: 1
Desired salary: 75000
ID: 4 Desired position:
Education: ID_jobseeker: 1
Desired salary: 15000
ID: 5 Desired position:
Education: ID_jobseeker: 5
Desired salary: 37000
ID: 6 Desired position:
Education: ID_jobseeker: 6
Desired salary: 52000
ID: 7 Desired position:
Education: ID_jobseeker: 4
Desired salary: 27000
ID: 8 Desired position:
Education: ID_jobseeker: 3
Desired salary: 47000
ID: 9 Desired position:
Education: ID_jobseeker: 4
Desired salary: 31000
ID: 10 Desired position:
Education: ID_jobseeker: 6
Desired salary: 48000
ID: 11 Desired position:
Education: ID_jobseeker: 1
Desired salary: 50000
```

Update

Работа в таблице Summary

11	edit	higher education		50000
----	------	------------------	--	-------

Action:

```
row was edit
row was 11
Summary:
ID: 1 Desired position:
Education: ID_jobseeker: 2
Desired salary: 10000
ID: 2 Desired position:
Education: ID_jobseeker: 3
Desired salary: 50000
ID: 3 Desired position:
Education: ID_jobseeker: 1
Desired salary: 75000
ID: 4 Desired position:
Education: ID_jobseeker: 1
Desired salary: 15000
ID: 5 Desired position:
Education: ID_jobseeker: 5
Desired salary: 37000
ID: 6 Desired position:
Education: ID_jobseeker: 6
Desired salary: 52000
ID: 7 Desired position:
Education: ID_jobseeker: 4
Desired salary: 27000
ID: 8 Desired position:
Education: ID_jobseeker: 3
Desired salary: 47000
ID: 9 Desired position:
Education: ID_jobseeker: 4
Desired salary: 31000
ID: 10 Desired position:
Education: ID_jobseeker: 6
Desired salary: 48000
ID: 11 Desired position:
Education: ID_jobseeker: 5
Desired salary: 50000
```

Delete

Работа в таблице Summary

11	Ввести desired position	Ввести education	Ввести id_jobseeker	Ввести desired salary
----	-------------------------	------------------	---------------------	-----------------------

Action:


```
← → ↻ ⓘ Не защищено | bd6/Summary/select.php ☆ ⚙ ⋮
row was delete
row was 11
Summary:
ID: 1 Desired position:
Education: ID_jobseeker: 2
Desired salary: 10000
ID: 2 Desired position:
Education: ID_jobseeker: 3
Desired salary: 50000
ID: 3 Desired position:
Education: ID_jobseeker: 1
Desired salary: 75000
ID: 4 Desired position:
Education: ID_jobseeker: 1
Desired salary: 15000
ID: 5 Desired position:
Education: ID_jobseeker: 5
Desired salary: 37000
ID: 6 Desired position:
Education: ID_jobseeker: 6
Desired salary: 52000
ID: 7 Desired position:
Education: ID_jobseeker: 4
Desired salary: 27000
ID: 8 Desired position:
Education: ID_jobseeker: 3
Desired salary: 47000
ID: 9 Desired position:
Education: ID_jobseeker: 4
Desired salary: 31000
ID: 10 Desired position:
Education: ID_jobseeker: 6
Desired salary: 48000
```

VACANCY

Index.html

```
<!DOCTYPE html>

<head>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<title>Добавление</title>

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/boot-
strap/3.3.7/css/bootstrap.min.css" integrity="sha384-
BVYiISiFeK1dGmJRAkycuHAHRg32OmUcww7on3RYdg4Va+PmSTsz/K68
vbdEjh4u" crossorigin="anonymous">

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/boot-
strap/3.3.7/css/bootstrap-theme.min.css" integrity="sha384-
rHyoN1iRsVXV4nD0JutlnGaslCJuC7uwjduW9SVrLvRYooPp2bWYgmgJQI
Xwl/Sp" crossorigin="anonymous">

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/boot-
strap.min.js" integrity="sha384-Tc5IQib027qvyjSMfHjOMaLkfuWVxZxUP-
nCJA7l2mCWNIpG9mGCD8wGNlCPD7Txa" crossorigin="anony-
mous"></script>

<style>
```

```

<link rel="stylesheet" href="http://htmlbook.ru/mysite.css">
</style>
<script src="jquery-1.7.2.min.js"></script>
<script src="jquery.placeholder.min.js"></script>
</head>
<body>
  <h2>Работа в таблице Vacancy</h2>
  <ul>
    <form action="select.php" method="POST" >
      <input type="text" name="id_vacancy" maxlength="128" placeholder="Ввести ID_Vacancy">
      <input type="text" name="conditionvacancies" maxlength="128" placeholder="Ввести condition vacancies">
      <input type="text" name="numberdays" maxlength="128" placeholder="Ввести number days">
      <input type="text" name="requirements" maxlength="128" placeholder="Ввести requirements">
      <input type="text" name="salary" maxlength="128" placeholder="Ввести salary">
      <input type="text" name="id_employer" maxlength="128" placeholder="Ввести ID_Employer">
      <li>Action:</li>
      <div class="input-group mb-3">
        <div class="input-group-prepend">
          <button class="btn btn-outline-secondary" name="action" value="add"/>add</button>
          <button class="btn btn-outline-secondary" name="action" value="delete"/>delete</button>
          <button class="btn btn-outline-secondary" name="action" value="edit"/>edit</button>

```

```

</div>
</div>
</form>
</ul>
</body>
</html>
Select.php
<?php
$arg1 = $_POST['id_vacancy'];
$arg3= $_POST['conditionvacancies'];
$arg4 = $_POST['numberdays'];
$arg5 = $_POST['requirements'];
$arg6 = $_POST['salary'];
$arg7 = $_POST['id_employer'];
$arg2 = $_POST['action'];
echo("row was ".$arg2. "<br/>");
$dbuser = 'postgres';
$dbpass = '1234';
$host = 'localhost';
$dbname='Annn';
$pdo = new PDO("pgsql:host=$host;dbname=$dbname", $dbuser,
$dbpass);
if($arg2 == "add"){
    $pdo->query("INSERT INTO vacancy VALUES ('$arg1', '$arg3', '$arg4',
'$arg5', '$arg6', '$arg7')");
}elseif($arg2 == "delete"){
    $pdo->query("delete from vacancy where id_vacancy = '$arg1'");
}elseif($arg2 == "edit"){

```

```
$pdo->query("update vacancy set conditionvacancies = '$arg3' and numberdays = '$arg4' and requirements = '$arg5' and salary = '$arg6' and id_employer = '$arg7' where id_vacancy = '$arg1'");
```

```
}
```

```
$data = $pdo->query('SELECT * FROM vacancy');
```

```
echo("Vacancy: <br/>");
```

```
foreach($data as $row){
```

```
echo " ID: ".$row['id_vacancy']. " ";
```

```
echo " Condition vacancies: ".$row['conditionvacancies']. "<br/>";
```

```
echo " Number days: ".$row['numberdays']. " ";
```

```
echo " Requirements: ".$row['requirements']. "<br/>";
```

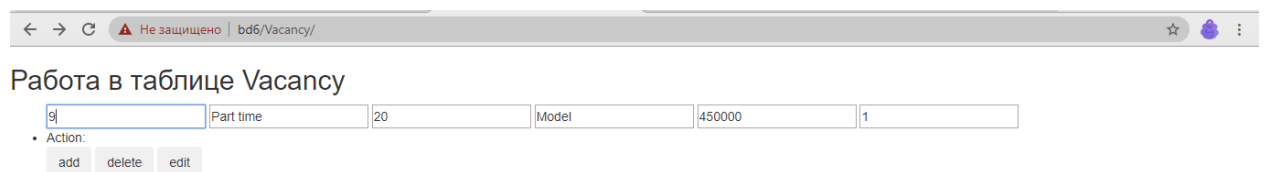
```
echo " Salary: ".$row['salary']. "<br/>";
```

```
echo " ID_employer: ".$row['id_employer']. "<br/>";
```

```
}
```

```
?>
```

Insert



The screenshot shows a web browser window with the address bar displaying "Не защищено | bd6/Vacancy/". Below the browser window, the text "Работа в таблице Vacancy" is visible. Underneath, there is a table with one row of data. The first cell of the row contains a text input field with the value "9". The subsequent cells contain the values "Part time", "20", "Model", "450000", and "1". Below the table, there is an "Action:" label followed by three buttons: "add", "delete", and "edit".

9	Part time	20	Model	450000	1
---	-----------	----	-------	--------	---

Action:

```
row was add
Vacancy:
ID: 12 Condition vacancies: Full time work
Number days: 10 Requirements: Accountant
Salary: 33000
ID_employer: 1
ID: 13 Condition vacancies: Full time work
Number days: 23 Requirements: Builder
Salary: 100000
ID_employer: 2
ID: 11 Condition vacancies: Full time work
Number days: 45 Requirements: Cashier
Salary: 14000
ID_employer: 3
ID: 10 Condition vacancies: Full time work
Number days: 1 Requirements: Designer
Salary: 56000
ID_employer: 4
ID: 14 Condition vacancies: Part time
Number days: 3 Requirements: Designer
Salary: 44000
ID_employer: 5
ID: 15 Condition vacancies: Part time
Number days: 7 Requirements: Driver
Salary: 150000
ID_employer: 4
ID: 16 Condition vacancies: Part time
Number days: 5 Requirements: Driver
Salary: 75000
ID_employer: 4
ID: 17 Condition vacancies: Part time
Number days: 4 Requirements: Engineer
Salary: 60000
ID_employer: 2
ID: 9 Condition vacancies: Part time
Number days: 20 Requirements: Model
Salary: 450000
ID_employer: 1
```

Update

row was edit

Vacancy:

ID: 12 Condition vacancies: Full time work

Number days: 10 Requirements: Accountant

Salary: 33000

ID_employer: 1

ID: 13 Condition vacancies: Full time work

Number days: 23 Requirements: Builder

Salary: 100000

ID_employer: 2

ID: 11 Condition vacancies: Full time work

Number days: 45 Requirements: Cashier

Salary: 14000

ID_employer: 3

ID: 10 Condition vacancies: Full time work

Number days: 1 Requirements: Designer

Salary: 56000

ID_employer: 4

ID: 14 Condition vacancies: Part time

Number days: 3 Requirements: Designer

Salary: 44000

ID_employer: 5

ID: 15 Condition vacancies: Part time

Number days: 7 Requirements: Driver

Salary: 150000

ID_employer: 4

ID: 16 Condition vacancies: Part time

Number days: 5 Requirements: Driver

Salary: 75000

ID_employer: 4

ID: 17 Condition vacancies: Part time

Number days: 4 Requirements: Engineer

Salary: 60000

ID_employer: 2

ID: 9 Condition vacancies: Full time work

Number days: 21 Requirements: Model

Salary: 60000

ID_employer: 1

Delete

row was delete

Vacancy:

ID: 12 Condition vacancies: Full time work

Number days: 10 Requirements: Accountant

Salary: 33000

ID_employer: 1

ID: 13 Condition vacancies: Full time work

Number days: 23 Requirements: Builder

Salary: 100000

ID_employer: 2

ID: 11 Condition vacancies: Full time work

Number days: 45 Requirements: Cashier

Salary: 14000

ID_employer: 3

ID: 10 Condition vacancies: Full time work

Number days: 1 Requirements: Designer

Salary: 56000

ID_employer: 4

ID: 14 Condition vacancies: Part time

Number days: 3 Requirements: Designer

Salary: 44000

ID_employer: 5

ID: 15 Condition vacancies: Part time

Number days: 7 Requirements: Driver

Salary: 150000

ID_employer: 4

ID: 16 Condition vacancies: Part time

Number days: 5 Requirements: Driver

Salary: 75000

ID_employer: 4

ID: 17 Condition vacancies: Part time

Number days: 4 Requirements: Engineer

Salary: 60000

ID_employer: 2

ID: 9 Condition vacancies: Full time work

Number days: 21 Requirements: Model

Salary: 60000

ID_employer: 1

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row was delete
Vacancy:
ID: 12 Condition vacancies: Full time work
Number days: 10 Requirements: Accountant
Salary: 33000
ID_employer: 1
ID: 13 Condition vacancies: Full time work
Number days: 23 Requirements: Builder
Salary: 100000
ID_employer: 2
ID: 11 Condition vacancies: Full time work
Number days: 45 Requirements: Cashier
Salary: 14000
ID_employer: 3
ID: 10 Condition vacancies: Full time work
Number days: 1 Requirements: Designer
Salary: 56000
ID_employer: 4
ID: 14 Condition vacancies: Part time
Number days: 3 Requirements: Designer
Salary: 44000
ID_employer: 5
ID: 15 Condition vacancies: Part time
Number days: 7 Requirements: Driver
Salary: 150000
ID_employer: 4
ID: 16 Condition vacancies: Part time
Number days: 5 Requirements: Driver
Salary: 75000
ID_employer: 4
ID: 17 Condition vacancies: Part time
Number days: 4 Requirements: Engineer
Salary: 60000
ID_employer: 2