

Homework-2:

php code for creating database:

```
<?php

$link = mysqli_connect('localhost', 'root', ' ');

if ( $link) {
    echo "connected";
} else{
    die( "error! " .mysqli_error($link) );
}
$sql = "CREATE DATABASE homework2";
$res = mysqli_query($link,$sql);
if($res){
    echo "database homework2 created";
} else{
    echo "error! " .mysqli_error($link);
}
mysqli_close($link);

?>
```

php code for creating Departments table and inserting values into it:

```
<?php

$link = mysqli_connect('localhost', 'root', ' ', 'homework2');

if ($link){
    echo "connected <br>";
}else{
    die("error in connection ! ".mysqli_error($link));
}

$sql = "CREATE TABLE Departments(
Department_id int(4) PRIMARY KEY,
Department_Name VARCHAR(30) NOT NULL,
Manager_id int(6),
Location_id int(4))";

$res = mysqli_query($link,$sql);

if($res){
    echo "table Departments created <br>";

    $sql2 = "INSERT INTO Departments VALUES(10,
'Administration',200,1700);";
    $sql2 .= "INSERT INTO Departments VALUES(20,
'Marketing',201,1800);";

    $sql2 .= "INSERT INTO Departments VALUES(50,
'Shipping',124,1500);";

    $sql2 .= "INSERT INTO Departments VALUES(60,
'IT',103,1400);";
```

```
$sql2 .="INSERT INTO Departments VALUES(80,  
'Sales',149,2500);";
```

```
$sql2 .="INSERT INTO Departments VALUES(90,  
'Executive',100,1700);";
```

```
$sql2 .="INSERT INTO Departments VALUES(110,  
'Accounting',205,1700);";
```

```
$sql2 .="INSERT INTO Departments VALUES(190,  
'Contracting',NULL,1700)";
```

```
$res2 = mysqli_multi_query($link,$sql2);
```

```
if($res2){
```

```
    echo "values are inserted <br>";
```

```
} else{
```

```
    echo "error in insertion ".mysqli_error($link);
```

```
}
```

```
} else{
```

```
    echo "error in creating table ! ".mysqli_error($link);
```

```
}
```

```
mysqli_close($link);
```

```
?>
```

php code for creating Locations table and inserting values into it:

```
<?php
```

```
$link = mysqli_connect('localhost', 'root', ' ', 'homework2');
```

```
if($link){  
    echo "connected <br>";  
}else{  
    die("error in connection ! ".mysqli_error($link));  
}
```

```
$sql = "CREATE TABLE Locations(  
Location_id int(4) PRIMARY KEY,  
Street_Address VARCHAR(40),  
Postal_Code VARCHAR(12),  
City VARCHAR(30) NOT NULL,  
State_Province VARCHAR(25),  
Country_ID VARCHAR(2));";
```

```
$res = mysqli_query($link,$sql);
```

```
if($res){  
    echo "table Location created <br>";
```

```
    $sql2 = "INSERT INTO Locations VALUES(1400, '2014  
Jabberwocky Rd','26192','Southlake', 'Texas', 'US');";
```

```
    $sql2 .= "INSERT INTO Locations VALUES(1500, '2011 Interiors  
Blvd','99236','South San Francisco', 'California', 'US');";
```

```
    $sql2 .= "INSERT INTO Locations VALUES(1700, '2004 Charade  
Rd','98199', 'Seattle','Washington', 'US');";
```

```
$sql2 .="INSERT INTO Locations VALUES(1800, '460 Bloor St.  
W.','ON M5S 1X8', 'Toronto','Ontario', `CA`);";
```

```
$sql2 .="INSERT INTO Locations VALUES(2500, 'Magdalen  
Centre- The Oxford Sc. Park','OX9 9ZB', 'OXford','Oxford', 'UK');";
```

```
$res2 = mysqli_multi_query($link,$sql2);
```

```
if($res2){  
    echo "values are inserted <br>";  
} else{  
    echo "error in insertion ".mysqli_error($link);  
}
```

```
} else{  
    echo "error in creating table ";  
}
```

```
mysqli_close($link);
```

```
?>
```

php code for creating Employees table and inserting values into it:

```
<?php

$link = mysqli_connect('localhost', 'root', ' ', 'homework2');
if($link){
    echo "connected <br>";
}else{
    die("error in connection ! ".mysqli_error($link));
}
$sql = "CREATE TABLE Employees(
Employee_Id int(6) PRIMARY KEY,
First_Name VARCHAR(20),
Last_Name VARCHAR(25) NOT NULL,
Email VARCHAR(25) NOT NULL,
Phone_Number VARCHAR(15),
Hire_Date DATE NOT NULL,
Job_Id VARCHAR(10) NOT NULL,
Salary int(8),
Commission_pct int(2),
Manager_id int(6),
Department_Id int(4));";
$res = mysqli_query($link,$sql);

if($res){
    echo "table Employees is created <br>";

    $sql2 = "INSERT INTO Employees VALUES(100, 'Steven','King',
'SKING','515.123.4567', 'JUN- 17-2006', 'AD_PRESS',24000, NULL,
NULL, 90);";
```

```
$sql2 .= "INSERT INTO Employees VALUES(101,  
'Neena','Kochar', 'NKOCHAR','515.123.4568', 'SEP-21-2008',  
'AD_VP',17000, NULL, 100, 90);";
```

```
$sql2 .= "INSERT INTO Employees VALUES(102, 'Lex','De Haan',  
'DEHAAN','515.123.4569', 'JAN-13-2009', 'AD_VP',17000, NULL, 100,  
90);";
```

```
$sql2 .= "INSERT INTO Employees VALUES(103,  
'Alexander','Hunold', 'AHUNOLD','590.423.4567', 'JAN-03-2008',  
'IT_PROG',9000,NULL, 102, 60);";
```

```
$sql2 .= "INSERT INTO Employees VALUES(104, 'Bruce','Ernst',  
'BERNST','590.423.4568', 'MAY-21-2009', 'IT_PROG',6000,NULL,  
103, 60);";
```

```
$sql2 .= "INSERT INTO Employees VALUES(107,  
'Diana','Lorentz', 'DLORENTZ','590.423.5567', 'FEB-07-2008',  
'IT_PROG',4200,NULL, 103, 60);";
```

```
$sql2 .= "INSERT INTO Employees VALUES(124,  
'Kevin','Mourgos', 'KMORGOS','650.123.5234', 'NOV-16-2012',  
'ST_MAN',5800,NULL, 100, 50);";
```

```
$sql2 .= "INSERT INTO Employees VALUES(141, 'Treena','Rajs',  
'RRAJS','650.121.5234', 'OCT- 17-2004', 'ST_CLERK',3500,NULL,  
124, 50);";
```

```
$sql2 .= "INSERT INTO Employees VALUES(142,  
'Curtis','Davies', 'CDAVIES','121.123.5234', 'JAN-29-2007',  
'ST_CLERK',3100,NULL, 124, 50);";
```

```
$sql2 := "INSERT INTO Employees VALUES(143,  
'Randall','Matos', 'RMATOS','121.123.5234', 'MAR-15-2008',  
'ST_CLERK',2600,NULL, 124, 50);";
```

```
$sql2 := "INSERT INTO Employees VALUES(144, 'Peter','Vargas',  
'PVARGAS','121.123.5234', 'JUL-09-2008', 'ST_CLERK',2500,NULL,  
124, 50);";
```

```
$sql2 := "INSERT INTO Employees VALUES(149, 'Eleni','Zlotkey',  
'EZLOTKEY','44.1344.429018', 'JAN-29-2014', 'SA_MAN',10500,.2,  
100, 80);";
```

```
$sql2 := "INSERT INTO Employees VALUES(174, 'Ellen','Abel',  
'EABEL','44.1644.429017', 'MAY-11-2004', 'SA_REP',11000,.3, 149,  
80);";
```

```
$sql2 := "INSERT INTO Employees VALUES(176,  
'Jnathon','Taylor', 'JTAILOR','44.1644.429021', 'MAR-24-2008',  
'SA_MAN',8600,.2, 149, 80);";
```

```
$sql2 := "INSERT INTO Employees VALUES(178,  
'Kimberely','Grant', 'KGRANT','44.1644.429023', 'MAY-24-2009',  
'SA_MAN',7000,.15, 149, NULL);";
```

```
$sql2 := "INSERT INTO Employees VALUES(200,  
'Jennifer','Whalem', 'JWHALEN','515.123.4444', 'SEP-17-2003',  
'ADD_ASST',4400,NULL, 101, 10);";
```

```
$sql2 := "INSERT INTO Employees VALUES(201,  
'Michael','Hartstein', 'MHARSTEIN','515.123.5555', 'FEB-17-2008',  
'MK_MAN',13000,NULL, 100, 20);";
```



```
$sql2 .= "INSERT INTO Employees VALUES(202,  
'Pat','Fay','PFAY','603.123.6666', 'AUG-17- 2010',  
'MK_REP',6000,NULL, 201, 20);";
```

```
$sql2 .= "INSERT INTO Employees VALUES(205,  
'Shelley','Higgins', 'SHIGGINS','515.123.8050', 'JUN-07-2007',  
'AC_MGR',12000,NULL, 101, 110);";
```

```
$sql2 .= "INSERT INTO Employees VALUES(206,  
'William','Gietz', 'WGIETZ','515.123.8181', 'JUN-07-2007',  
'AC_ACCOUNT',8300,NULL, 205, 110);";
```

```
$res2 = mysqli_multi_query($link,$sql2);  
if($res2){  
    echo "values are inserted <br>";  
} else{  
    echo "error in insertion ".mysqli_error($link);  
}  
} else{  
    echo "error in creating table ";  
}
```

```
mysqli_close($link);
```

```
?>
```