

Ασφάλεια Συστημάτων

1° ΘΕΜΑ:

Με τον όρο **DHCP** (*Dynamic Host Configuration Protocol*) αναφερόμαστε σε ένα μηχανισμό διαχείρισης πρωτοκόλλων TCP/IP .

Η υπηρεσία αυτή αναθέτει IP σε κάθε υπολογιστή που είναι στο δίκτυο μας.

2° ΘΕΜΑ:

apache2, php, mariadb

apt-get install apache2 php mariadb-server

mysql_secure_installation

3° ΘΕΜΑ:

mkdir /home/user/my_config

cd /home/user/my_config

touch my.cfg

echo [config] > my.cfg

cat /etc/mysql/my.ini >> my.cfg

4° ΘΕΜΑ:

auto eth1

iface eth1 inet static

address 192.168.254.10

netmask 255.255.255.0

gateway 192.168.254.1

ΠΡΑΚΤΙΚΗ ΕΦΑΡΜΟΓΗ ΣΤΗΝ ΕΙΔΙΚΟΤΗΤΑ

1° ΘΕΜΑ:

server:localhost

username: user

password: mypass

database: employees

```
internal class dbconnect
{
    public static MySqlConnection myConnection = new
    MySqlConnection("server=localhost;userid=user;password=mypass;database=employees");
}
```

2° ΘΕΜΑ:

```
public void fill()
{
    var myConnection = dbconnect.myConnection;
    myConnection.Open();
    string sqlQuery = null;
    dataGridView1.Rows.Clear();
    sqlQuery = "Select * from stoixeia";
    MySqlCommand cmd = new MySqlCommand(sqlQuery, myConnection);
    MySqlDataReader rdr = cmd.ExecuteReader();
    while (rdr.Read())
    {
        dataGridView1.Rows.Add(rdr["name"], rdr["surname"]);
    }
    myConnection.Close();
}
```

3° ΘΕΜΑ:

```
private void button1_Click(object sender, EventArgs e)
{
    string name = textBox1.Text;
```

```

        string surname = textBox2.Text;
        string misthos = textBox3.Text;
        var myConnection = dbconnect.myConnection;
        myConnection.Open();
        string query = $"update employees set name='{name}',surname='{surname}',misthos='{
misthos}'where id=1;";
        MySqlCommand cmd = new MySqlCommand(query, myConnection);
        cmd.ExecuteNonQuery();
        myConnection.Close();
    }

```

4° ΘΕΜΑ:

```

private void button2_Click(object sender, EventArgs e)
{
    Form1 form1=new Form1();
    bool flag=false;
    var myConnection = dbconnect.myConnection;
    myConnection.Open();
    sqlQuery = "Select * from stoixeia";
    MySqlCommand cmd = new MySqlCommand(query, myConnection);
    while (rdr.Read())
    {
        if (rdr["username"]==textBox1.Text && rdr["password"]==textBox2.Text)
        {
            flag=true;
        }
    }
    myConnection.Close();
    if (flag)
    {
        this.Hide();
        form1.Show();
    }
}

```

ΓΛΩΣΣΑ ΠΡΟΓΡΑΜΜΑΤΙΣΜΟΥ V

1^ο ΘΕΜΑ:

```
<table width="100%" style="background-color:black; font-size:12px; color:blue;">
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</table>
```

2^ο ΘΕΜΑ:

```
<select>
<option value=" πίτσα"> πίτσα</option>
<option value=" ζυμαρικά"> ζυμαρικά </option>
<option value=" αναψυκτικά"> αναψυκτικά </option>
<option value=" γλυκά"> γλυκά </option>
</select>
```

3^ο ΘΕΜΑ:

```
Function update()
{
$id=$_POST["item_id"];
$name=$_POST["item_name"];
$desc=$_POST["item_desc"];
$price=$_POST["item_price"];

mysqli_query($conn, "update item set name='$name',des='$desc',price=$price where id=$id");

}
```

4^ο ΘΕΜΑ:

```
<?php
$sql=mysqli_query($conn,"select * from items");
While ($row=mysqli_fetch_array($sql))
{
?>
<div id=myitem>
<input type="text" id="item_name" name="item_name" value="<?=$row["name"];?> ">
<input type="text" id="item_desc" name="item_desc" value="<?=$row["desc"];?> ">
<input type="text" id="item_price" name="item_price" value="<?=$row["price"];?> ">
</div>
<?php
}
?>
```