

Faculty of Science and Engineering School of Computing and Information Science

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Module MOD007355:

Introduction to System Architecture and Automation

Element 011 Lab Logbook

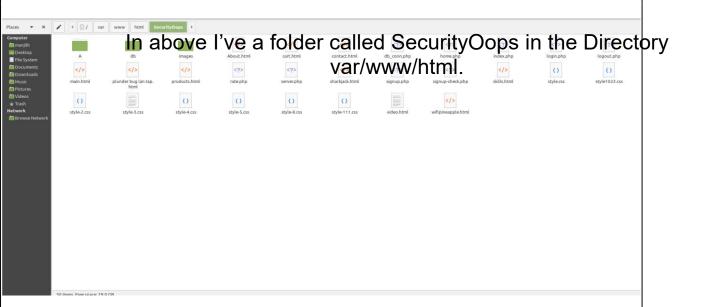
Code Explanation Document

STUDENT ID: 2059502

Trimester 1 – 2021

CODE EXPLANATION DOCUMENT

For my Dynamic website I have used LAMP server (Linux, Apache2, Mysql and PHP). For Linux I have used Linux-mint In the Virtual-Box.



And In this image I have many files where all my content stored. I have a Folder in *var*/www/html/SecurityOops where I kept all my Files used to my Dynamic website

```
<!DOCTYPE html>
<html lang="en">
```

The HTML Tutorial <!DOCTYPE> tag is very first line of the HTML document. It tells the browser what version of HTML the document is written so that the browser knows what to do. And I second line you can notice a word Lang and that refers to language of the content < link rel="stylesheet" href="style.css">

The above used to make a Title in the Top of the Web page. As i shown below.

As you can see the above Image codes used to navigate to another page from the home page. This commands will create a Buttons in the Home page which will havigate to Products, About, Videos, contact and Logout Page.

The command Expbe Now →

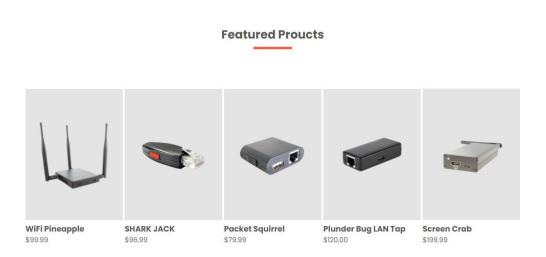
Used to take me to my website where I wrote my blogs related to Ethical Hacking and Cyber Security. And the <h1> tags used to showcase some words. And the tag used to represents a

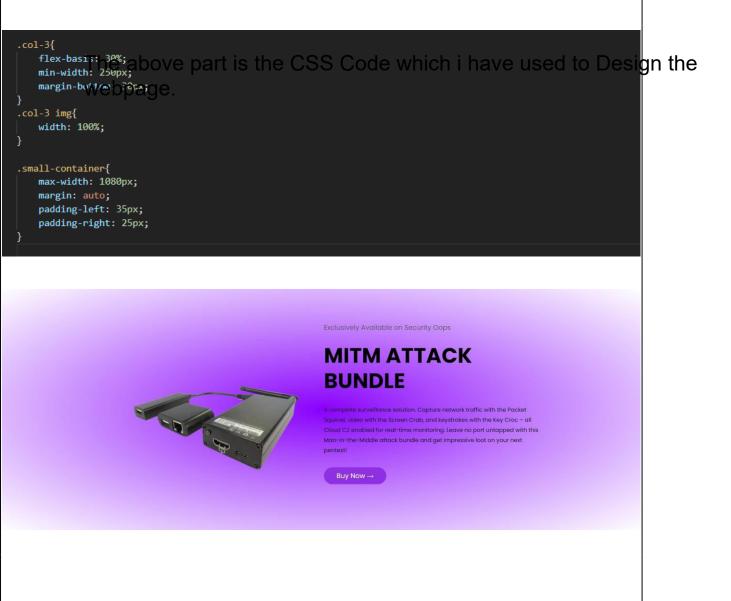
paragraph.
Start Learning Today

Learn The Art Of Hacking with the help of Security Ope

I have some featured products in my website and the above code is used for the displaying the Featured products of my website.

As I used a tag class which used to Identify the specific part. So that in CSS I can design the page.





The above Image shows you the Exclusive offer made in my website. And i have used Gradient Colour for the Background and I have made a Button to Buy the Bundle.

```
background: racial gration ( #1630FC), E#FFF ); ML code which i have used for Exclusive Offer margin-top: 80px; padding: 30pc ection. And the code used in the Down Image is for Design.

col-2 .offer-img{ padding: 50px; }

small{ color: □rgb(0, 0, 0); }
```

As In the code I've used Gradient Colour for the Back-Ground.

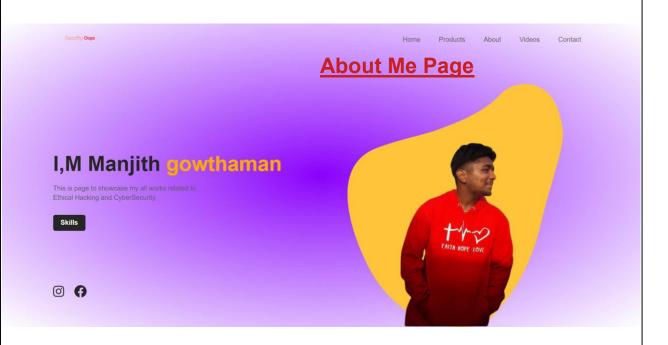


And this is Second Page where I used to showcase all my products. And In the top right there is a Option to choice filter.

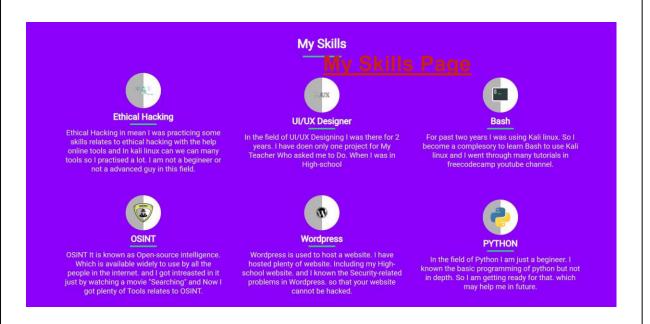
Default Shorting

Short by price
Low to High
High to Low
Short bt Sales

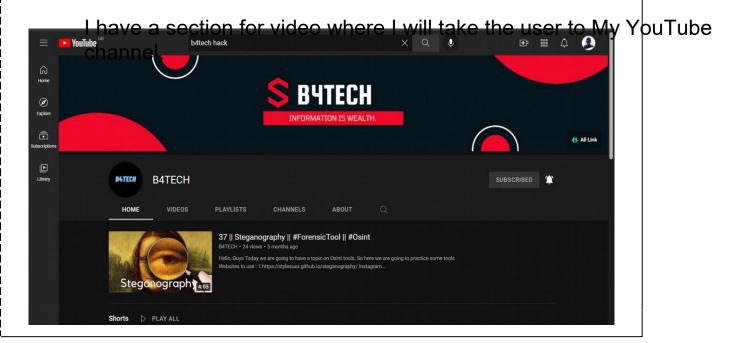
This is option to Choose your Features. with a Hover effect.

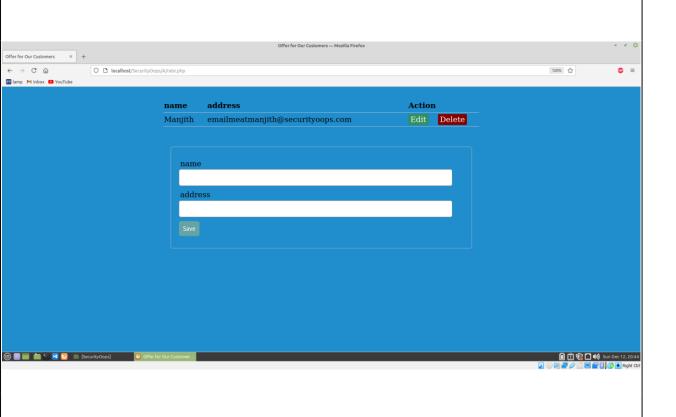


The Above Image is the About Me Page where I have a Button "skills" which showcase my talents. And When You move your cursor on the above of Image I have a Hover effect which is cool. And also I have a Link to connect with my Instagram and Facebook page.

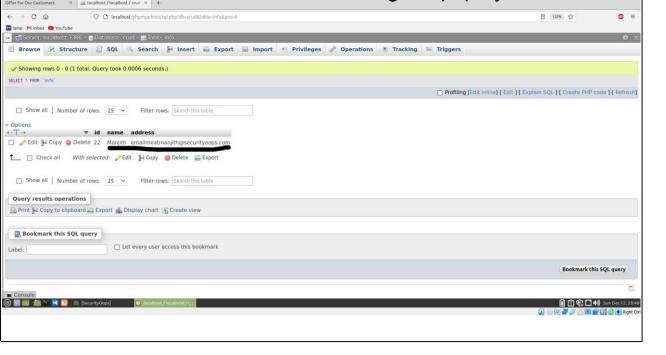


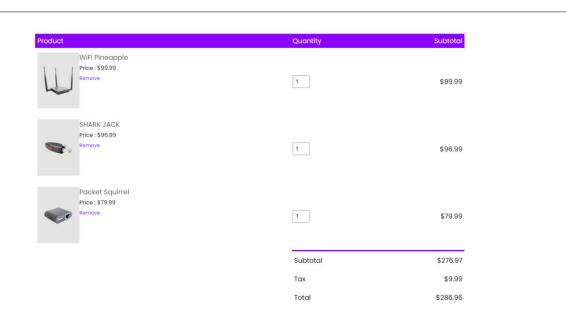
This is the page where I Showcase My skills. I have used Hover Home Effect to show the webpage Beautifultact Logout



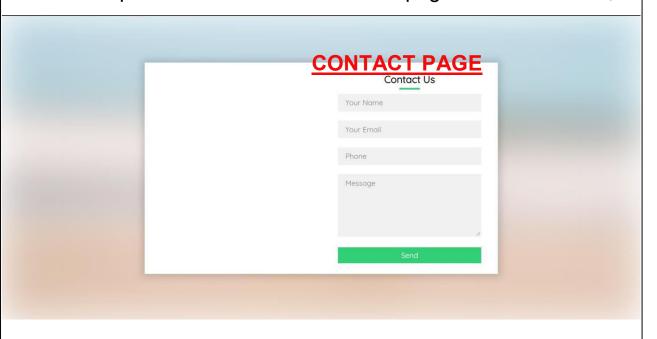


In this page the users can give their Name and email so that they can participate in the monthly giveaway. The username can create, Delete and Edit their Name and Email. Once they Entered the Name and email the Details will go to phpmyadmin database.

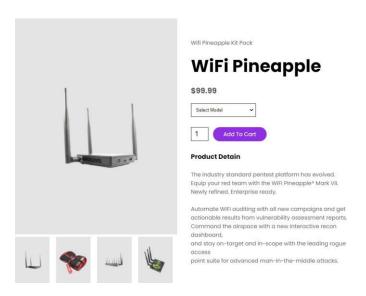




This is the Cart page where people choose their product and Buy the product at a time. For the cart page I've used HTML, C\$S.



This is the contact page which I've used. But Due to some maintenance Issue the contact Page is Under Maintenance.



This Page says the Brief Detail of a some products and you can choose the Quantity and as well can you can also choose the

```
disc Class**

disc Class*

disc Class**

disc Class**

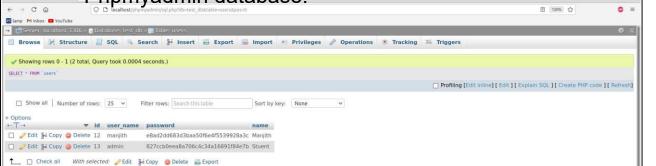
disc Class**

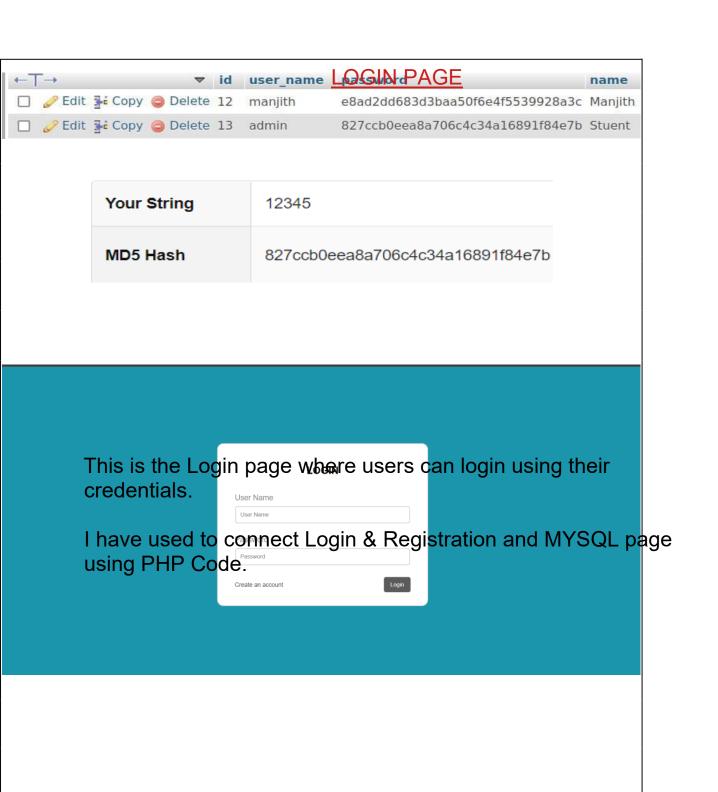
disc Class*

disc Clas
```

The Image show the code for Brief Detail of a some products.

The password which you are entering will save into MD5 Hash into Phpmyadmin database.





I have connected my Login page & Registration page here using the above code. sname="localnost"; spassword = "localnost"; spassword = "localnost



```
| cdiv class="footer">
| cdiv class="footer=col-1">
| cdiv class="footer-col-1">
| cdiv class="footer-col-2">
| cdiv class="footer-col-3">
| cdiv class="footer-col-4">
| cdiv class="footer-c
```

Home Products About Videos Contact Logout



Logout

There is also an option for Logout. Where user can come out of the website and when a user click on Logout it will directly go to

```
session_st@f();age.
session_unset();
session_destroy();
header("Location: index.php");
```

Session_start(): start new or resume existing session.

Session_unset(): Function frees all session variables currently registered.

Session_destroy(): Destroys all data registered to a session.								
i 	 							
Login page code								

```
session_start();
include "db_conn.php";
if (isset($_POST['uname']) && isset($_POST['password'])) {
    function validate($data){
       $data = trim($data);
       $data = stripslashes($data);
       $data = htmlspecialchars($data);
       return $data;
    $uname = validate($_POST['uname']);
    $pass = validate($_POST['password']);
    if (empty($uname)) {
        header("Location: index.php?error=User Name is required");
        exit();
    }else if(empty($pass)){
        header("Location: index.php?error=Password is required");
        exit();
    }else{
        // hashing the password
        $pass = md5($pass);
        $sq1 = "SELECT * FROM users WHERE user_name='$uname' AND password='$pass'";
        $result = mysqli_query($conn, $sql);
        if (mysqli_num_rows($result) === 1) {
            $row = mysqli_fetch_assoc($result);
            if ($row['user_name'] === $uname && $row['password'] === $pass) {
                $_SESSION['user_name'] = $row['user_name'];
                $_SESSION['name'] = $row['name'];
                $_SESSION['id'] = $row['id'];
                header("Location: main.html");
                exit();
            }else{
                header("Location: index.php?error=Incorect User name or password");
                exit();
        }else{
           header("Location: index.php?error=Incorect User name or password");
            exit();
}else{
    header("Location: index.php");
    exit();
```

```
DOCTYPE html
     <title>SIGN UP</title>
     k rel="stylesheet" type="text/css" href="style-8.css">
     <form action="signup-check.php" method="post">
           <h2>SIGN UP (/h2>
           <?php if (isset($_GET['error'])) { ?>
                cp class="error"><?php echo $_GET['error']; ?>
           <?php } ?>
          <?php if (isset($_GET['success'])) { ?>
     <?php echo $_GET['success']; ?>
           <?php } ?>
           <label>Name</label>
           <?php if (isset($_GET['name'])) { ?>
                <input type="text'</pre>
                       placeholder="Name"
                       value="<?php echo $_GET['name']; ?>"><br>
           <?php }else{ ?>
                <input type="text"</pre>
                       name="name
                       placeholder="Name"><br>
           <?php }?>
           <label>User Name</label>
           <?php if (isset($_GET['uname'])) { ?>
                <input type="text"</pre>
                       name="uname
                       placeholder="User Name"
                       value="<?php echo $_GET['uname']; ?>"><br>
           <?php }else{ ?>
                cinput type="text"
                       name="uname
                       placeholder="User Name"><br>
           <?php }?>
           <label>Password</label>
           <input type="password"</pre>
                 name="password"
placeholder="Password"><br>
           <label>Re Password
           <input type="password"</pre>
                  name="re_password"
                  placeholder="Re_Password"><br>
           <button type="submit">Sign Up</button>
          <a href="index.php" class="ca">Already have an account?</a>
```

```
php include('server.php');
  if (isset($_GET['edit'])) {
      $id - $_GET[ 'edit'];
      $rec = mysqli_query($db, "SELECT * FROM info MHERE id=$id");
$record = mysqli_fetch_array($rec);
      $name = $record['name'];
$address = $record['address'];
      $id - $record['id'];
  body style="background-color:#8508FC;"
  <?php if (isset($_SESSION['msg'])): ?>
      div class- msg
             echa $_SESSION['msg'];
unset($_SESSION['msg']);
  (Pohp endif ?)
  c?php $results = mysqli_query($db, "SELECT * FROM info"); ?>
             (th) name (/th)
             (th)address(/th
             Action
          c?php while ($row - mysqli_fetch_array($result)) { ?>
                 <?php echo $rew['name']; ?>
<?php echo $rew['address']; ?>
                     ca class="edit_btn" href="rate.php?edit=<?php echo $row['id']; ?>">Edit</a>
                     ca class="del_btn" href="server.php?del=<?php echo $row['id']; ?)">Delete(/a)
          <2php } ?>
  <form method= post" action= server.php >
<input type="hidden" name="id" value="<?php echo $id; ?>">
          clabel name /label:
         cinput type="text" name="name" value="<?php echo $name; ?>">
          <input type="text" name="address" value="<?php echo $address; ?>">
      cdiv class="input-group";
      <?php if ($edit_state -- true): ?>
          cbutton class="btn" type="submit" name="save" >Save</button>
```

This page is used for the users to enter their Name and Email for a monthly giveaway. So that users can add, edit and delete their

details.



When ever user type their details it will store on the phpmyadmin database.

For this connectivity between the page and database I've again used php code for the connection.

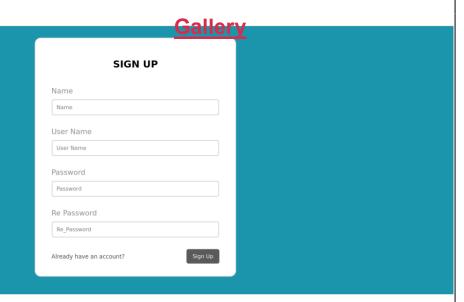
In the above code i have connected the Database using a

```
if (isset($_GET['edit'])) {
      $id = $_GET['edit'];
$edit_state = true;
      $rec - mysqli_query($db, "SELECT * FROM info WHERE id-$id");
$record - mysqli_fetch_array($rec);
      $name = $record['name'];
$address = $record['address'];
      $id - $record['id'];
   <title>Offer for Our Customers</title>
clink rel-"stylesheet" type-"text/css" href-"style1822.css"></title>
body style="background-color:#8500FC;"
   x2php if (isset($_SESSION['msg'])): >>
       div class-"msg"
             echo $_SESSION['msg'];
unset($_SESSION['msg']);
   cophp endif to
   c?php $results = mysqli_query($db, "SELECT * FROM info"); ?>
              name (/th)
address (/th)
          cth colspan="2">Action

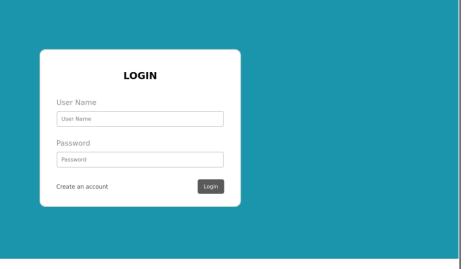
           c?php while ($row = mysqli_fetch_array($result)) { ?>
                  <?php echo $row['name']; ?>
<?php echo $row['address']; ?>
                       ca class="edit_btn" href="rate.php?edit=<?php echo $row['id']; ?>">Edit</a>
                       ca class="del_btn" href="server:php?del=<?php echo $row['id']; ?>">Delete(/a>
   <form method="post" action="server.php">
<input type="hidden" name="id" value="<?php echo $id; ?>">
       chutton class="btn" type="submit" name="edit_state" style="background: #55682F;" >update</button>
<?php endif ?>
```

The Above Images shows the code of the Giveaway page.

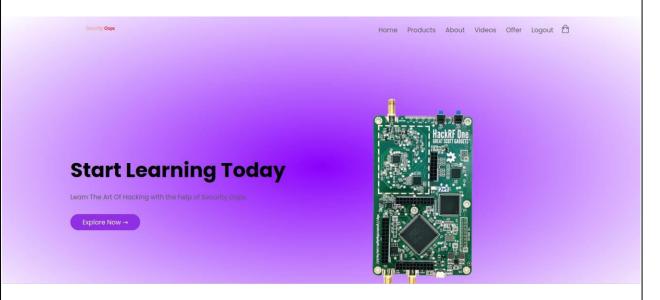
At the starting of the code I have a line to connect the database " <?php include('server.php'); ".



Sign up page



Login page



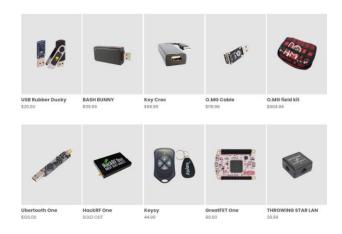
Landing Page

Featured Proucts



Featured Products

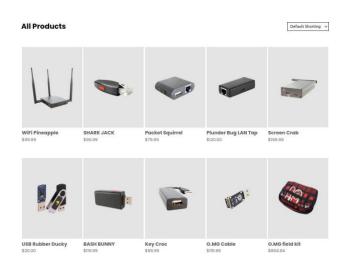
Latest Products



Latest Proucts



Special Offer Bundle



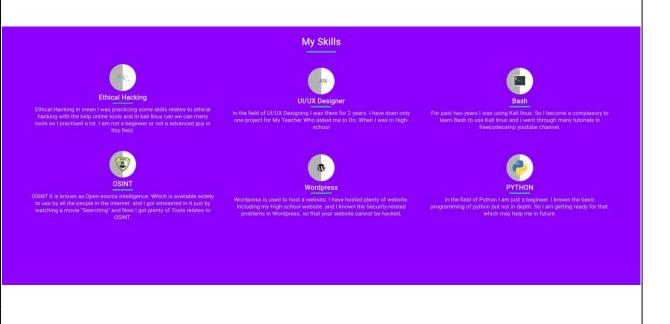
All Products Page



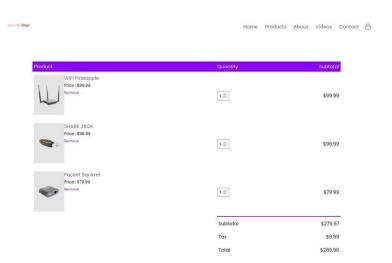
Footer Page



About Me Page



My skills Page



name address Action
Manjith emailmeatmanjith@securityoops.com Edit Delete

name
address
sov

Give away Page

Git Hub Page Email	:	https://github.com/manjithgowthaman/dynamic-website/tree/main MG1032@student.aru.ac.uk

Thank you:)