DETECTION OF WEB ATTACKS BASED ON LOGS USING DEEP LEARNING

Group 3: Architha J(1GA17IS001), B U Kavya(1GA17IS005),

Sri Harsha (1GA17IS038), Varsha Venkatesh(1GA17IS045)

Guided By: Mrs. Deepthi V.S.

MODULE 1/ CNN/ MULTILAYER PERCEPTRON

1)1xss.py

```
from keras.models import model_from_json

import sys


# load json and create model

json_file = open('modelxss.json', 'r')

loaded_model_json = json_file.read()

json_file.close()

loaded_model = model_from_json(loaded_model_json)

# load weights into new model

loaded_model.load_weights("modelxss.h5")

# s

import sys

s=sys.argv[1]

#s='kavya harsha varsha architha'


import pandas as pd


li=[]


import re
```

```python
if("&lt" in s):
    li.append(1)
else:
    li.append(0)
```

In[135]:

```python
if("<script>" in s):
    li.append(1)
else:
    li.append(0)
```

In[136]:

```python
if("'><' in s):
    li.append(1)
else:
    li.append(0)
```

In[137]:

```python
if("'><" in s):
```

```python
        li.append(1)
    else:
        li.append(0)
```

In[138]:

```python
if("and" in s):
    li.append(1)
else:
    li.append(0)
```

In[139]:

```python
if("%" in s):
    li.append(1)
else:
    li.append(0)
```

In[140]:

```python
if("/" in s):
    li.append(1)
else:
```

```python
    li.append(0)
```

In[141]:

```python
if("\\" in s):
    li.append(1)
else:
    li.append(0)
```

In[142]:

```python
if("+" in s):
    li.append(1)
else:
    li.append(0)
```

In[143]:

```python
if("document." in s):
    li.append(1)
else:
    li.append(0)
```

In[144]:

```python
if("window." in s):
    li.append(1)
else:
    li.append(0)
```

In[145]:

```python
if(".Onload" in s):
    li.append(1)
else:
    li.append(0)
```

In[146]:

```python
if("onerror" in s):
    li.append(1)
else:
    li.append(0)
```

In[147]:

```python
if("<div>" in s):
    li.append(1)
else:
    li.append(0)
```

In[148]:

```python
if("<iframe>" in s):
    li.append(1)
else:
    li.append(0)
```

In[149]:

```python
if("<img>" in s):
    li.append(1)
else:
    li.append(0)
```

In[150]:

```python
if("src" in s):
    li.append(1)
else:
    li.append(0)
```

In[151]:

```python
if("var" in s):
    li.append(1)
else:
    li.append(0)
```

In[152]:

```python
if("eval" in s):
    li.append(1)
else:
    li.append(0)
```

In[153]:

```python
if("href" in s):
    li.append(1)
```

```python
    else:
        li.append(0)
```

In[154]:

```python
if("cookie" in s):
    li.append(1)
else:
    li.append(0)
```

In[155]:

```python
if(".fromCharCode()" in s):
    li.append(1)
else:
    li.append(0)
```

In[156]:

```python
if("" in s):
    li.append(1)
else:
    li.append(0)
```

In[157]:

```python
if("?" in s):
    li.append(1)
else:
    li.append(0)
```

In[158]:

```python
if("!" in s):
    li.append(1)
else:
    li.append(0)
```

In[159]:

```python
if(";" in s):
    li.append(1)
else:
    li.append(0)
```

In[160]:

```python
if("js" in s):
    li.append(1)
else:
    li.append(0)
```

In[161]:

```python
if("#" in s):
    li.append(1)
else:
    li.append(0)
```

In[162]:

```python
if("=" in s):
    li.append(1)
else:
    li.append(0)
```

In[163]:

```python
if("(" in s):
    li.append(1)
else:
    li.append(0)
```

In[164]:

```python
if(")" in s):
    li.append(1)
else:
    li.append(0)
```

In[165]:

```python
if("[[]]" in s):
    li.append(1)
else:
    li.append(0)
```

In[166]:

```python
if("$" in s):
```

```python
        li.append(1)
    else:
        li.append(0)
```

In[167]:

```python
if("{" in s):
    li.append(1)
else:
    li.append(0)
```

In[168]:

```python
if("}" in s):
    li.append(1)
else:
    li.append(0)
```

In[169]:

```python
if("*" in s):
    li.append(1)
else:
```

```python
    li.append(0)
```

In[170]:

```python
if("," in s):
    li.append(1)
else:
    li.append(0)
```

In[171]:

```python
if("-" in s):
    li.append(1)
else:
    li.append(0)
```

In[172]:

```python
if("<" in s):
    li.append(1)
else:
    li.append(0)
```

In[173]:

```python
if(">" in s):
    li.append(1)
else:
    li.append(0)
```

In[174]:

```python
if("at" in s):
    li.append(1)
else:
    li.append(0)
```

In[175]:

```python
if("_" in s):
    li.append(1)
else:
    li.append(0)
```

In[176]:

```python
if("location" in s):
    li.append(1)
else:
    li.append(0)
```

In[177]:

```python
if("search" in s):
    li.append(1)
else:
    li.append(0)
```

In[178]:

```python
if("&#" in s):
    li.append(1)
else:
    li.append(0)
```

In[179]:

```python
if(":" in s):
    li.append(1)
else:
    li.append(0)
```

In[180]:

```python
if("." in s):
    li.append(1)
else:
    li.append(0)
```

In[181]:

```python
if("[" in s):
    li.append(1)
else:
    li.append(0)
```

In[182]:

```python
if("]" in s):
    li.append(1)
```

```python
else:
    li.append(0)
```

In[183]:

```python
if("`" in s):
    li.append(1)
else:
    li.append(0)
```

In[184]:

```python
if(" " in s):
    li.append(1)
else:
    li.append(0)
```

In[185]:

```python
if("" in s):
    li.append(1)
else:
    li.append(0)
```

In[186]:

```python
if("==" in s):
    li.append(1)
else:
    li.append(0)
```

In[187]:

```python
if("//" in s):
    li.append(1)
else:
    li.append(0)
```

In[188]:

```python
if("|" in s):
    li.append(1)
else:
    li.append(0)
```

In[189]:

```python
if("^" in s):
    li.append(1)
else:
    li.append(0)
```

In[190]:

```python
if("¦" in s):
    li.append(1)
else:
    li.append(0)
```

In[191]:

```python
if("alert" in s):
    li.append(1)
else:
    li.append(0)
```

In[192]:

```python
if("<br" in s):
    li.append(1)
else:
    li.append(0)
```

In[193]:

```python
letter=0
number=0
symbol=0
for i in s:
    if i.isalpha():
        letter+=1
    elif i.isdigit():
        number+=1
    else:
        symbol+=1
l=len(s)
# print(l,letter,number,symbol)
```

In[194]:

```python
li.append(letter/l)
li.append(number/l)
```

```python
    li.append(symbol/l)
```

In[195]:

In[196]:

```python
lst= li
```

In[101]:

```python
ans = loaded_model.predict_classes([lst])
```

In[102]:
```python
ans=ans[0][0]

print(ans)
```

2)sqlitest.py:

```python
#!/usr/bin/env python
# coding: utf-8


# In[1]:
import time
import sys
start=time.time()
import pandas as pd


from sklearn.model_selection import train_test_split


from sklearn.feature_extraction.text import CountVectorizer


import sklearn


from keras.models import model_from_json


import pickle




# import os
# os.environ['path']


# In[2]:
```

```python
def load_csv():
    global sqlidf
    contents=[]
    with open("sqli.csv",'r',encoding = 'utf-16') as f:
        for line in f:
            word=line.split('\n')
            list2 = [x for x in word if x]
            list1 = list2[0].rsplit(',',maxsplit=1)
            sentence=list1[0][1:]
            label=list1[1][:-1]
            listx=[sentence,label]
            contents += [listx]

    contents=contents[1:]
    sqlidf = pd.DataFrame(contents,columns=['Sentence','Label'])

load_csv()


# In[3]:


sqlidf['Sentence'] = sqlidf['Sentence'].astype(str)
sqlidf['Label']=sqlidf['Label'].astype(int)


# In[4]:
```

```python
X=sqlidf['Sentence']

y=sqlidf['Label']

X_train, X_test, y_train, y_test = train_test_split(X, y, test_size=0.2)
```

In[5]:

```python
# load json and create model
json_file = open('model.json', 'r')

loaded_model_json = json_file.read()

json_file.close()

loaded_model = model_from_json(loaded_model_json)

# load weights into new model
loaded_model.load_weights("model.h5")

# print("Loaded model from disk")
```

In[6]:

```python
def testing1(querystring):

    instance = X_test

    instance.iloc[0] = querystring[0]


    vocabulary_to_load = pickle.load(open("dictionary.pickle", 'rb'))
```

```python
    loaded_vectorizer =
sklearn.feature_extraction.text.CountVectorizer(vocabulary=vocabulary_to_load)

    loaded_vectorizer._validate_vocabulary()


    instance_posts = loaded_vectorizer.transform(instance).toarray()


    pred = loaded_model.predict(instance_posts)
    # print(pred[0])
    if pred[0]>0.5:
        res=1
    else:
        res=0


    return res



# In[7]:


query=sys.argv[1]
# print(query)
print(testing1([query]))
stop=time.time()
# print("time=",stop-start)


# In[ ]:
```

3)XSStest.py:

```python
#!/usr/bin/env python
# coding: utf-8
import time
```

```python
start=time.time()
import numpy as np
import pandas as pd

import cv2

from sklearn.model_selection import train_test_split


# In[2]:
import sys

def load_csv():
    contents=[]
    with open("XSS_dataset.csv",'r') as f:
        for line in f:
            word = line.split('\n')
            sentence = word[0]
            index , string = sentence.split(',',maxsplit=1)
            sentence, label = string.rsplit(',',maxsplit=1)
            sentence = sentence.strip("'")
            contents += [[sentence , label]]


    contents=contents[1:]
    #print(contents)
    global xssdf
    xssdf = pd.DataFrame(contents,columns=['Sentence','Label'])
    xssdf = xssdf.replace({'\t': ''}, regex=True)
```

```python
    xssdf['Sentence'] = xssdf['Sentence'].astype(str)

    xssdf['Label']=xssdf['Label'].astype(int)


load_csv()

X = xssdf['Sentence']

y = xssdf['Label'].values

trainX, testX, trainY, testY = train_test_split(X,y, test_size=0.2)


# In[4]:


def convert_to_ascii(sentence):

    sentence_ascii=[]


    for i in sentence:


        """Some characters have values very big e.d 8221 adn some are chinese letters

        I am removing letters having values greater than 8222 and for rest greater

        than 128 and smaller than 8222 assigning them values so they can easily be
normalized"""


        if(ord(i)<8222):     # ” has ASCII of 8221


            if(ord(i)==8217): # ’  : 8217

                sentence_ascii.append(134)
```

```python
if(ord(i)==8221): # " : 8221
    sentence_ascii.append(129)


if(ord(i)==8220): # " : 8220
    sentence_ascii.append(130)



if(ord(i)==8216): # ' : 8216
    sentence_ascii.append(131)


if(ord(i)==8217): # ' : 8217
    sentence_ascii.append(132)


if(ord(i)==8211): # – : 8211
    sentence_ascii.append(133)


"""
If values less than 128 store them else discard them
"""
if (ord(i)<=128):
    sentence_ascii.append(ord(i))

else:
    pass



zer=np.zeros((10000))
```

```python
    for i in range(len(sentence_ascii)):
        zer[i]=sentence_ascii[i]


    zer.shape=(100, 100)



#    plt.plot(image)
#    plt.show()
    return zer



# In[5]:



def preprocessing(sentences):
    arr=np.zeros((len(sentences),100,100))

    for i in range(len(sentences)):

        image=convert_to_ascii(sentences[i])

        x=np.asarray(image,dtype='float')
        image =  cv2.resize(x, dsize=(100,100), interpolation=cv2.INTER_CUBIC)
        image/=128

        arr[i]=image
    return arr
```

Testing

In[6]:

```python
def testing(querystring):
    instance=[]
    instance = testX
    instance = instance[:250]
    instance[-1] = querystring[0]
    test_instance=instance.values
    instance_arr = preprocessing(test_instance)
    instance_data = instance_arr.reshape(instance_arr.shape[0], 100, 100, 1)
    pred=loaded_model.predict(instance_data)
    print(pred[-1])
    if pred[-1]>0.5:
        res=1
    else:
        res=0

    print(res)
```

In[7]:

```python
from keras.models import model_from_json
# load json and create model
json_file = open('xssmodel.json', 'r')
```

```python
loaded_model_json = json_file.read()

json_file.close()

loaded_model = model_from_json(loaded_model_json)

# load weights into new model

loaded_model.load_weights("xssmodel.h5")

# print("Loaded model from disk")




query=sys.argv[1]

testing([sys.argv[1]])

stop=time.time()

# print("time=",stop-start)
```

4)home.php:

```html
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css"
integrity="sha384-
MCw98/SFnGE8fJT3GXwEOngsV7Zt27NXFoaoApmYm81iuXoPkFOJwJ8ERdknLPMO"
crossorigin="anonymous">

    <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-
q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo"
crossorigin="anonymous"></script>

<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.3/umd/popper.min.js"
integrity="sha384-
ZMP7rVo3mIykV+2+9J3UJ46jBk0WLaUAdn689aCwoqbBJiSnjAK/l8WvCWPIPm49"
crossorigin="anonymous"></script>

<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/js/bootstrap.min.js"
integrity="sha384-
```

```html
ChfqqxuZUCnJSK3+MXmPNIyE6ZbWh2IMqE241rYiqJxyMiZ6OW/JmZQ5stwEULTy"
crossorigin="anonymous"></script>

    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css"
integrity="sha384-
Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"
crossorigin="anonymous"><meta http-equiv="Content-Type" content="text/html;
charset=UTF-8">

  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css"
integrity="sha384-
Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"
crossorigin="anonymous">

    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-
awesome/4.7.0/css/font-awesome.min.css" integrity="sha384-
wvfXpqpZZVQGK6TAh5PVlGOfQNHSoD2xbE+QkPxCAFlNEevoEH3Sl0sibVcOQVnN"
crossorigin="anonymous">

    <link rel="stylesheet" href="http://tawian.io/text-spinners/spinners.css">

    <link rel="stylesheet" href="node_modules/bootstrap/dist/css/bootstrap.min.css">

     <link rel="stylesheet" href="node_modules/font-awesome/css/font-awesome.min.css">

     <link rel="stylesheet" href="node_modules/bootstrap-social/bootstrap-social.css">

    <script src="https://code.jquery.com/jquery-3.2.1.slim.min.js" integrity="sha384-
KJ3o2DKtIkvYIK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN"
crossorigin="anonymous"></script>

    <title>Document</title>

</head>

<style>

#form{

    padding-top:5cm;


}

#image{
```

```css
    padding-top:2cm;
}
img{
    width:15.5cm;
    height:14cm;
}
body{
    background-color:rgb(213, 235, 253);
    font-family:Georgia, 'Times New Roman', Times, serif;
}
.nav-item{
    width:3cm;
}
nav{
    background-color:navy !important;
}
.nav-link{
    color:white;
}
html, body {width: auto!important; overflow-x: hidden!important}
</style>
<body>

    <div class="row">
        <div id="image" class="offset-1 col-6">
            <img src="img1.png">
        </div>
        <div class="col-4" style="margin-top:7cm;">
            <h2>Welcome !!</h2>
```

```html
<p> Choose who you are and sign-in to your portal</p>


<button id="user" type="button" class="btn btn-primary btn-lg"><i class="fa fa-user-circle" aria-hidden="true"></i>&nbsp USER</button>&nbsp


<button id="loginButton" type="button" class="btn btn-primary btn-lg" data-toggle="modal" data-target="#exampleModalCenter" ><i class="fa fa-lock" aria-hidden="true"></i>&nbsp ADMIN</button>
<script type="text/javascript">
document.getElementById("user").onclick = function () {
    location.href = "inject.php";
};
</script>
</div>
</div>


<div class="modal fade" id="exampleModalCenter" tabindex="-1" role="dialog" aria-labelledby="exampleModalCenterTitle" aria-hidden="true">


<div class="modal-dialog modal-lg" role="content">
    <div class="modal-content">
        <div class="modal-header">
            <h4 class="modal-title">Login</h4>
            <button type="button" class="close" data-dismiss="modal">
                &times;
            </button>
        </div>
        <div class="modal-body">
            <form action="adminver.php" method="POST">
                <div class="form-row" >
                    <div class="form-group col-sm-4">
```

```html
                    <label class="sr-only" for="aname">Email address</label>

                    <input type="email" class="form-control form-control-sm mr-1"
name="aname" placeholder="Enter email" required>

                </div>

                <div class="form-group col-sm-4">

                    <label class="sr-only" for="apass">Password</label>

                    <input type="password" class="form-control form-control-sm mr-1"
name="apass" placeholder="Password" required>

                </div>

            </div>

            <div class="form-row">

                <button type="button" class="btn btn-secondary btn-sm ml-auto" data-
dismiss="modal">Cancel</button>

                <button type="submit" class="btn btn-primary btn-sm ml-1">Sign
in</button>

            </div>

        </form>

      </div>

    </div>


  </div>


<div id="loginModal" class="modal fade" role="dialog">


  </div>


</body>
</html>
```

5)inject.php:

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css"
integrity="sha384-
Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"
crossorigin="anonymous">

    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-
awesome/4.7.0/css/font-awesome.min.css" integrity="sha384-
wvfXpqpZZVQGK6TAh5PVlGOfQNHSoD2xbE+QkPxCAFlNEevoEH3Sl0sibVcOQVnN"
crossorigin="anonymous">

    <link rel="stylesheet" href="http://tawian.io/text-spinners/spinners.css">

    <link rel="stylesheet" href="node_modules/bootstrap/dist/css/bootstrap.min.css">

     <link rel="stylesheet" href="node_modules/font-awesome/css/font-awesome.min.css">

     <link rel="stylesheet" href="node_modules/bootstrap-social/bootstrap-social.css">

    <script src="https://code.jquery.com/jquery-3.2.1.slim.min.js" integrity="sha384-
KJ3o2DKtIkvYIK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN"
crossorigin="anonymous"></script>

    <title>Document</title>

</head>

<style>

#form{

    padding-top:5cm;



}

#image{

    padding-top:2cm;
```

```
    }
    img{
        width:15.5cm;
        height:12.5cm;
    }
    body{
        background-color:rgb(213, 235, 253);
        font-family:Georgia, 'Times New Roman', Times, serif;
    }
    .nav-item{
        width:3cm;
    }
    nav{
        background-color:navy !important;
    }
    .nav-link{
        color:white;
    }
    html, body {width: auto!important; overflow-x: hidden!important}
</style>
<body>
<!-- <nav class="navbar navbar-expand-lg">
    <div class="container-fluid">
        <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarTogglerDemo01" aria-controls="navbarTogglerDemo01" aria-expanded="false" aria-label="Toggle navigation">
            <span class="navbar-toggler-icon"></span>
        </button>
        <div class="collapse navbar-collapse" id="navbarTogglerDemo01">
            <ul class="navbar-nav me-auto mb-2 mb-lg-0">
```

```html
      <li class="nav-item">

        <a class="nav-link active" aria-current="page" href="#">Home</a>

      </li>

      <li class="nav-item">

        <a class="nav-link" href="#">Link1</a>

      </li>

      <li class="nav-item">

        <a class="nav-link" href="#">Link2</a>

      </li>

      <li class="nav-item">

        <a class="nav-link" href="#">Link3</a>

      </li>

    </ul>

  </div>

 </div>

</nav> -->

    <div class="row">

      <div id="image" class="offset-1 col-6">

        <img src="https://i.ibb.co/dbct2cP/Socialworldpanel.png">

      </div>

    <div id="form" class="col-4">

      <h2>Welcome Back :)</h2><br>

     <p> To keep connected with us please login with your personal<br>

     information  by email and password </p>


    <form method="get" action="sqlver.php">

    <i class="fa fa-md fa-envelope" aria-hidden="true"></i>  Email
:&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp<input type="text" name="name" id="name"
required ><br><br>
```

```html
<i class="fa fa-md fa-key" aria-hidden="true"></i> Password : <input type="password" name="pass" id="pass" required><br><br>

    <button type="submit" class=" btn btn-primary">

    Login

    </button>

    &nbsp New user? <a href="register.php">Register</a>

  </form>

  </div>

  </div>

</body>

</html>
```

6)insertpage.php:

```php
<?php
session_start();
if(!isset($_SESSION['mail']))
{
  header("location: inject.php");
}
?>
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css"
integrity="sha384-
```

```
Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"
crossorigin="anonymous">

    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-
awesome/4.7.0/css/font-awesome.min.css" integrity="sha384-
wvfXpqpZZVQGK6TAh5PVlGOfQNHSoD2xbE+QkPxCAFlNEevoEH3Sl0sibVcOQVnN"
crossorigin="anonymous">

    <link rel="stylesheet" href="http://tawian.io/text-spinners/spinners.css">

    <link rel="stylesheet" href="node_modules/bootstrap/dist/css/bootstrap.min.css">

     <link rel="stylesheet" href="node_modules/font-awesome/css/font-awesome.min.css">

     <link rel="stylesheet" href="node_modules/bootstrap-social/bootstrap-social.css">

    <script src="https://code.jquery.com/jquery-3.2.1.slim.min.js" integrity="sha384-
KJ3o2DKtIkvYIK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN"
crossorigin="anonymous"></script>

    <title>Document</title>
</head>
<style>
    #ibox{
      width:13cm;
      height:1.3cm;
      border-radius:25px;
      border-color:gray;
      padding-top:2px;
  }


  #button{
      border-radius:30px;
      width:2cm;
      height:1cm;
  }
  ::placeholder{
      color:black;
```

```css
        font-family:Georgia, 'Times New Roman', Times, serif;

        font-size:15pt;

        font-style: italic;

    }
body{

   font-family:Georgia, 'Times New Roman', Times, serif;

   background-color:rgb(252, 232, 222);


    }
#form{

    margin-top:6.5cm;


    }
#image{

    margin-top:1cm;

     height:17cm;

    width:18cm;

    }
.nav-item{

    width:4cm;

    }
nav{

    background-color:purple !important;

    }
.nav-link{

    color:white;

    }
html, body {width: auto!important; overflow-x: hidden!important}
</style>
```

```html
<body>

<nav class="navbar navbar-expand-lg">

  <div class="container-fluid">

    <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarTogglerDemo01" aria-controls="navbarTogglerDemo01" aria-expanded="false" aria-label="Toggle navigation">

      <span class="navbar-toggler-icon"></span>

    </button>

    <div class="collapse navbar-collapse" id="navbarTogglerDemo01">

      <ul class="navbar-nav me-auto mb-2 mb-lg-0">

      <nav class="navbar navbar-expand-lg">

  <div class="container-fluid">

    <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarTogglerDemo01" aria-controls="navbarTogglerDemo01" aria-expanded="false" aria-label="Toggle navigation">

      <span class="navbar-toggler-icon"></span>

    </button>

    <div class="collapse navbar-collapse" id="navbarTogglerDemo01">

      <ul class="navbar-nav me-auto mb-2 mb-lg-0">

      <li class="nav-item">

        <a class="nav-link active" aria-current="page" href="welcome.php">Home <i class="fa fa-lg fa-home" aria-hidden="true"></i></a>

      </li>

      <li class="nav-item">

        <a class="nav-link" href="user_search.php">Search for users</a>

      </li>

      <li class="nav-item">

        <a class="nav-link" href="insertpage.php">&nbsp&nbspTweet / post</a>

      </li>

      <li class="nav-item">

        <a class="nav-link" href="user_page.php">Your account</a>
```

```html
        </li>
        <li class="nav-item" style="margin-left:19cm;">
          <a class="nav-link" href="logout.php">Logout</a>
        </li>
      </ul>
    </div>
  </div>
</nav>
      </ul>
    </div>
  </div>
</nav>
    <div class="row">
      <div id="form" class="offset-1 col-5">
        <h2>Post/Tweet something</h2>
        <p>If you are passionate about writing and sharing, we help you<br>
        build a community of active readers and commenters</p>
      <form method="get" action="xssver.php">
      <input id="ibox" type="text" name="name" id="name" placeholder="post/tweet">
      <button id="button" class="btn btn-primary btn-sm" type="submit">submit</button>
      </form>
    </form>
      </div>
      <div class="col-6">
        <img id="image" src="new3.png">
      </div>
    </div>
</body>
</html>
```

7)logout.php:

```php
<?php
session_start();
session_destroy();
header("location:home.php");
?>
```

8)postcon.php:

```php
<?php
";
if($_SERVER['REQUEST_METHOD']=='GET'){
    $type=$_GET['ctype'];
    $date=$_GET['cdate'];


    $con = mysqli_connect('localhost','root','','cis') or die('Unable To connect');


    $sql = "insert into case_details (cimage,type,description,cdate)
values(?,'$type','$dis','$date')";


    $stmt = mysqli_prepare($con,$sql);


    mysqli_stmt_bind_param($stmt, "s" ,$img);
    mysqli_stmt_execute($stmt);


    $check = mysqli_stmt_affected_rows($stmt);
    if($check==1){
```

```php
    $msg = 'Image Successfullly UPloaded please login now ';

    header("location: case.php");

  }else{

    $msg = 'Error uploading image';

  }

  mysqli_close($con);

}
```

9)post_disp.php:

```php
<?php

session_start();

if(!isset($_SESSION['mail']))

{

  header("location: inject.php");

}

?>
```

```html
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta http-equiv="X-UA-Compatible" content="IE=edge">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css"
integrity="sha384-
Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"
crossorigin="anonymous">

  <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-
awesome/4.7.0/css/font-awesome.min.css" integrity="sha384-
wvfXpqpZZVQGK6TAh5PVlGOfQNHSoD2xbE+QkPxCAFlNEevoEH3Sl0sibVcOQVnN"
crossorigin="anonymous">

  <link rel="stylesheet" href="http://tawian.io/text-spinners/spinners.css">
```

```html
    <link rel="stylesheet" href="node_modules/bootstrap/dist/css/bootstrap.min.css">
     <link rel="stylesheet" href="node_modules/font-awesome/css/font-awesome.min.css">
     <link rel="stylesheet" href="node_modules/bootstrap-social/bootstrap-social.css">
    <script src="https://code.jquery.com/jquery-3.2.1.slim.min.js" integrity="sha384-KJ3o2DKtIkvYIK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN" crossorigin="anonymous"></script>
    <title>Document</title>
</head>
<style>
body{
    margin:3cm;
    background-color:rgba(233, 233, 231, 0.918);
}


</style>
<body>


<?php


error_reporting(0);


$con = mysqli_connect("localhost","root","","major_proj");


// Check connection
if (mysqli_connect_errno())
  {
  echo "Failed to connect to MySQL: " . mysqli_connect_error();
  }


  $asc_query = "SELECT * FROM post";
```

```php
    $result = executeQuery($asc_query);




function executeQuery($query)
{
    $connect = mysqli_connect("localhost", "root", "", "major_proj");

    $result = mysqli_query($connect, $query);


    return $result;
}
if(mysqli_num_rows($result)){
  while($row = mysqli_fetch_array($result)){?>


<div class="card">
  <h5 class="card-header"><i class="fa fa-user-circle" aria-hidden="true"></i><?php echo $row[1] ?></h5>
  <div class="card-body">
    <p class="card-text" style="text-align: justify;"><?php echo $row[2] ?>
</p>
  </div>
</div><br><br>
<?php
 }
}


?>
</body>
</html>
```

10)post_search.php:

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css"
integrity="sha384-
Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"
crossorigin="anonymous">

    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-
awesome/4.7.0/css/font-awesome.min.css" integrity="sha384-
wvfXpqpZZVQGK6TAh5PVlGOfQNHSoD2xbE+QkPxCAFlNEevoEH3Sl0sibVcOQVnN"
crossorigin="anonymous">

    <link rel="stylesheet" href="http://tawian.io/text-spinners/spinners.css">

    <link rel="stylesheet" href="node_modules/bootstrap/dist/css/bootstrap.min.css">

     <link rel="stylesheet" href="node_modules/font-awesome/css/font-awesome.min.css">

     <link rel="stylesheet" href="node_modules/bootstrap-social/bootstrap-social.css">

    <script src="https://code.jquery.com/jquery-3.2.1.slim.min.js" integrity="sha384-
KJ3o2DKtIkvYIK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN"
crossorigin="anonymous"></script>

    <title>Document</title>

</head>

<style>

   #social{

     padding-top:2.5cm;

     padding-left:7.5cm;

     color:black;

    font-family:'Courier New', Courier, monospace;;
```

```css
        font-size:29pt;


    }
    #engine{
        padding-left:7.5cm;
        color:black;
        font-family:'Courier New', Courier, monospace;;
        font-size:29pt;
    }
#sbox{
    width:16cm;
    height:1.3cm;
    border-radius:25px;
    border-color:gray;
    padding-top:2px;
}
form{
    padding-top:0.1cm;
}
#button{
    border-radius:30px;
    width:2cm;
    height:1cm;
}

::placeholder{
    color:red;
    font-family:Georgia, 'Times New Roman', Times, serif;
    font-size:24pt;
```

```css
        font-style: italic;

    }

    body{


      background-color:rgb(213, 235, 253);

    }

    #image{

        width:22cm;

        height:10.5cm;

    }

    .nav-item{

        width:3cm;

        font-family:Georgia, 'Times New Roman', Times, serif;

    }

    nav{

        background-color:navy !important;

    }

    .nav-link{

        color:white;

    }

    html, body {width: auto!important; overflow-x: hidden!important}


</style>
<body>
<nav class="navbar navbar-expand-lg">
  <div class="container-fluid">
    <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarTogglerDemo01" aria-controls="navbarTogglerDemo01" aria-expanded="false" aria-label="Toggle navigation">
       <span class="navbar-toggler-icon"></span>
```

```html
        </button>
        <div class="collapse navbar-collapse" id="navbarTogglerDemo01">
          <ul class="navbar-nav me-auto mb-2 mb-lg-0">
            <li class="nav-item">
              <a class="nav-link active" aria-current="page" href="#">Home</a>
            </li>
            <li class="nav-item">
              <a class="nav-link" href="#">Link1</a>
            </li>
            <li class="nav-item">
              <a class="nav-link" href="#">Link2</a>
            </li>
            <li class="nav-item">
              <a class="nav-link" href="#">Link3</a>
            </li>
          </ul>
        </div>
      </div>
    </nav>
        <div class="row">
          <div id="social" class="offset-3 col-3">
            <b>Social</b>
          </div>
        </div>
        <div class="row">
          <div class="offset-5 col-6">
          <form method="get" action="user_search_disp.php">
            <input id="sbox" type="text" placeholder="Search" aria-label="Search" name="search" required>
```

```html
          <button id="button" class="btn btn-primary btn-sm" type="submit">Search</button>

      </form>

      </div>

    </div>

    <div class="row">

      <div id="engine" class="offset-3 col-3">

        <b>Engines</b>

      </div>

    </div>

    <div class="row">

      <div class="col-4" style="margin-left:-3cm;">

        <img id="image" src="new4.png">

      </div>

    </div>


</body>
</html>
```

11)reg.php:
```php
<?php
$msg = '';
if($_SERVER['REQUEST_METHOD']=='POST'){

  $name=$_POST['uname'];
  $phone=$_POST['phone'];
 $pass=$_POST['upass'];
  $mail=$_POST['mail_id'];

  $con = mysqli_connect('localhost','root','','major_proj') or die('Unable To connect');
```

```php
    $sql = "insert into user
(mail_id,uname,upass,phone)values('$mail','$name','$pass','$phone')";


    $stmt = mysqli_prepare($con,$sql);



    mysqli_stmt_execute($stmt);

    $check = mysqli_stmt_affected_rows($stmt);

    if($check==1){

        $msg = 'Image Successfullly UPloaded please login now ';

        header("location: inject.php");

    }else{

        $msg = 'Error uploading image';

    }

    mysqli_close($con);

}
```

12)register.php:

```html
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css"
integrity="sha384-
Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"
crossorigin="anonymous">
```

```html
    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-
awesome/4.7.0/css/font-awesome.min.css" integrity="sha384-
wvfXpqpZZVQGK6TAh5PVlGOfQNHSoD2xbE+QkPxCAFlNEevoEH3Sl0sibVcOQVnN"
crossorigin="anonymous">

    <link rel="stylesheet" href="http://tawian.io/text-spinners/spinners.css">

    <link rel="stylesheet" href="node_modules/bootstrap/dist/css/bootstrap.min.css">

     <link rel="stylesheet" href="node_modules/font-awesome/css/font-awesome.min.css">

     <link rel="stylesheet" href="node_modules/bootstrap-social/bootstrap-social.css">

    <script src="https://code.jquery.com/jquery-3.2.1.slim.min.js" integrity="sha384-
KJ3o2DKtIkvYIK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN"
crossorigin="anonymous"></script>

    <title>Document</title>
</head>
<style>
#form{
    padding-top:3.5cm;
    font-family:Georgia, 'Times New Roman', Times, serif;
}
#image{
    padding-top:3cm;
}
img{
    width:22cm;
    height:10cm;
}
body{
    background-color:rgb(213, 235, 253);
    font-family:Georgia, 'Times New Roman', Times, serif;
}
}
#empty{
```

```
      text-align:center;

}

html, body {width: auto!important; overflow-x: hidden!important}

.nav-item{

    width:3cm;

  }

  nav{

    background-color:navy !important;

  }

  .nav-link{

    color:white;

  }

    </style>

<body>

<!-- <nav class="navbar navbar-expand-lg">

  <div class="container-fluid">

    <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarTogglerDemo01" aria-controls="navbarTogglerDemo01" aria-expanded="false" aria-label="Toggle navigation">

      <span class="navbar-toggler-icon"></span>

    </button>

    <div class="collapse navbar-collapse" id="navbarTogglerDemo01">

      <ul class="navbar-nav me-auto mb-2 mb-lg-0">

        <li class="nav-item">

          <a class="nav-link active" aria-current="page" href="#">Home</a>

        </li>

        <li class="nav-item">

          <a class="nav-link" href="#">Link1</a>

        </li>

        <li class="nav-item">
```

```html
        <a class="nav-link" href="#">Link2</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="#">Link3</a>
      </li>
    </ul>
  </div>
 </div>
</nav> -->
<div class="row">
    <div id="image" class="col-6">
      <img src="transp4.png">
    </div>
  <div id="form" class="offset-1 col-4">
    <h2>Hello there !</h2><br>
   <p>Provide the details below and register yourself</p>


   <form method="post" action="reg.php">
   <i class="fa fa-md fa-envelope" aria-hidden="true"></i>  Email
:&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp<input type="email" name="mail_id"
id="mail_id" required ><br><br>
   <i class="fa fa-md fa-user" aria-hidden="true"></i>  Name
:&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp<input type="text" name="uname"
id="uname" required ><br><br>
   <i class="fa fa-md fa-key" aria-hidden="true"></i> Password : <input type="password"
name="upass" id="upass" required><br><br>
   <i class="fa fa-md fa-phone" aria-hidden="true"></i>  Mobile no:&nbsp&nbsp<input
type="phone" name="phone" id="phone" pattern="[7-9]{1}[0-9]{9}" required><br><br>
      <button type="submit" class=" btn btn-primary">
      Sign in
      </button>
```

```
    </form>

    </div>

    </div>



</div>

</div>

</body>

</html>
```

13)search.php:

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css"
integrity="sha384-
Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"
crossorigin="anonymous">

    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-
awesome/4.7.0/css/font-awesome.min.css" integrity="sha384-
wvfXpqpZZVQGK6TAh5PVlGOfQNHSoD2xbE+QkPxCAFlNEevoEH3Sl0sibVcOQVnN"
crossorigin="anonymous">

    <link rel="stylesheet" href="http://tawian.io/text-spinners/spinners.css">

    <link rel="stylesheet" href="node_modules/bootstrap/dist/css/bootstrap.min.css">

     <link rel="stylesheet" href="node_modules/font-awesome/css/font-awesome.min.css">

     <link rel="stylesheet" href="node_modules/bootstrap-social/bootstrap-social.css">

    <script src="https://code.jquery.com/jquery-3.2.1.slim.min.js" integrity="sha384-
KJ3o2DKtIkvYIK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN"
crossorigin="anonymous"></script>
```

```html
    <title>Document</title>
</head>
<style>
    #social{
        padding-top:2.5cm;
        padding-left:7.5cm;
        color:black;
        font-family:'Courier New', Courier, monospace;;
        font-size:29pt;


    }
    #engine{
        padding-left:7.5cm;
        color:black;
        font-family:'Courier New', Courier, monospace;;
        font-size:29pt;
    }
   #sbox{
        width:16cm;
        height:1.3cm;
        border-radius:25px;
        border-color:gray;
        padding-top:2px;
    }
    form{
        padding-top:0.1cm;
    }
   #button{
        border-radius:30px;
```

```css
    width:2cm;

    height:1cm;

}


::placeholder{

    color:red;

    font-family:Georgia, 'Times New Roman', Times, serif;

    font-size:24pt;

    font-style: italic;

}
body{


 background-color:rgb(252, 255, 185);

}
#image{

    width:22cm;

    height:10.5cm;

}
.nav-item{

    width:4cm;

    font-family:Georgia, 'Times New Roman', Times, serif;

}
nav{

    background-color:#E6BF00 !important;

}
.nav-link{

    color:white;

}
html, body {width: auto!important; overflow-x: hidden!important}
```

```html
</style>

<body>
<nav class="navbar navbar-expand-lg">
  <div class="container-fluid">
    <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarTogglerDemo01" aria-controls="navbarTogglerDemo01" aria-expanded="false" aria-label="Toggle navigation">
      <span class="navbar-toggler-icon"></span>
    </button>
    <div class="collapse navbar-collapse" id="navbarTogglerDemo01">
      <ul class="navbar-nav me-auto mb-2 mb-lg-0">
        <li class="nav-item">
          <a class="nav-link active" aria-current="page" href="#">Home</a>
        </li>
        <li class="nav-item">
          <a class="nav-link" href="#">Link1</a>
        </li>
        <li class="nav-item">
          <a class="nav-link" href="#">Link2</a>
        </li>
        <li class="nav-item">
          <a class="nav-link" href="#">Link3</a>
        </li>
      </ul>
    </div>
  </div>
</nav>
    <div class="row">
```

```html
      <div id="social" class="offset-3 col-3">

         <b>Social</b>

      </div>

   </div>

   <div class="row">

      <div class="offset-5 col-6">

      <form method="get" action="search_disp.php">

         <input id="sbox" type="text" placeholder="Search" aria-label="Search"
name="search" required>

         <button id="button" class="btn btn-primary btn-sm" type="submit">Search</button>

      </form>

      </div>

   </div>

   <div class="row">

      <div id="engine" class="offset-3 col-3">

         <b>Engines</b>

      </div>

   </div>

   <div class="row">

      <div class="col-4" style="margin-left:-3cm;">

         <img id="image" src="transp3.png">

      </div>

   </div>


</body>
</html>
```

14)search_disp.php:

```php
<?php
```

```php
session_start();

if(!isset($_SESSION['mail']))

{

  header("location: inject.php");

}

?>
```
```html
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css"
integrity="sha384-
Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"
crossorigin="anonymous">

    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-
awesome/4.7.0/css/font-awesome.min.css" integrity="sha384-
wvfXpqpZZVQGK6TAh5PVlGOfQNHSoD2xbE+QkPxCAFlNEevoEH3Sl0sibVcOQVnN"
crossorigin="anonymous">

    <link rel="stylesheet" href="http://tawian.io/text-spinners/spinners.css">

    <link rel="stylesheet" href="node_modules/bootstrap/dist/css/bootstrap.min.css">

     <link rel="stylesheet" href="node_modules/font-awesome/css/font-awesome.min.css">

     <link rel="stylesheet" href="node_modules/bootstrap-social/bootstrap-social.css">

    <script src="https://code.jquery.com/jquery-3.2.1.slim.min.js" integrity="sha384-
KJ3o2DKtIkvYIK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN"
crossorigin="anonymous"></script>

    <title>Document</title>

</head>

<style>

body{
```

```css
margin-top:2cm;

margin-left:1.4cm;

margin-right:1cm;

background-color:rgb(252, 255, 185);

}
.card{

box-shadow: 0px 0px 5px 1px rgba(0,0,0,0.75);

-webkit-box-shadow: 0px 0px 5px 1px rgba(0,0,0,0.75);

-moz-box-shadow: 0px 0px 5px 1px rgba(0,0,0,0.75);

    display:inline-block;

    margin:0.9cm;

}
.card-title,.card-text{

    text-align:center;

}
```

```html
 </style>
<body>
```

```php
<?php

error_reporting(0);

$con = mysqli_connect("localhost","root","","major_proj");

// Check connection
if (mysqli_connect_errno())
```

```php
{
echo "Failed to connect to MySQL: " . mysqli_connect_error();
}
if($_SERVER["REQUEST_METHOD"] == "GET") {
  // username and password sent from form


  $name =$_GET['search'];


}
$asc_query = "SELECT uname,mail_id,phone FROM user where uname like '%$name%'";
$result = executeQuery($asc_query);




function executeQuery($query)
{
   $connect = mysqli_connect("localhost", "root", "", "major_proj");
   $result = mysqli_query($connect, $query);


   return $result;
}
if(mysqli_num_rows($result)){

   while($row = mysqli_fetch_array($result)){?>
   <div class="card" style="width:400px">
<img class="card-img-top" src="https://cdn1.iconfinder.com/data/icons/ui-instagram-1/354/person-512.png" alt="Card image" style=" display: block;
     margin-left: auto;
     margin-right: auto;
```

```php
           width: 50% ;">


      <div class="card-body">
        <h4 class="card-title"><?php echo $row[0] ?></h4>
        <p class="card-text"><?php echo $row[1] ?></p>
        <p class="card-text"><?php echo $row[2] ?></p>
      </div>
      </div>


<?php


   }
}
else{


   echo"No user found";


}
   ?>
</body>
</html>
```

15)sqlver.php:

```php
<?php
session_start();
error_reporting(0);



$con = mysqli_connect("localhost","root","","major_proj");
```

```php
// Check connection
if (mysqli_connect_errno())
  {
  echo "Failed to connect to MySQL: " . mysqli_connect_error();
  }
  if($_SERVER["REQUEST_METHOD"] == "GET") {
    // username and password sent from form


    $name =$_GET['name'];


    // echo  exec("D:/xampp/htdocs/final_project/sample.py" );
    $name = $_GET['name'];
    $pass = $_GET['pass'];






    $command = escapeshellcmd("python D:/Xampp/htdocs/final_codes/run.py \"$name\" \"$pass\"  ");
  $output = shell_exec($command);
  // $command2 = escapeshellcmd("python C:/xampp/htdocs/final_project/sqlitest1.py \"$pass\" ");
  // $output2 = shell_exec($command2);
  $ip=$_SERVER['HTTP_HOST'];


  if ($output==1 )
  {
```

```php
    ?>

    <script>
    alert('Sql Injection alert..!! Please use valid Credentials ,Else you will be blocked..!!');
    window.location.href='inject.php';
    </script>
    <?php
  }
  else{
    $sql = "SELECT * FROM user WHERE mail_id = '{$name}' and upass = '{$pass}';";


    $result = mysqli_query($con,$sql);
    //$row = mysqli_fetch_array($result,MYSQLI_ASSOC);
   // $active = $row['active'];


    $count = mysqli_num_rows($result);
    if($count>=1){
while($rs = $result->fetch_assoc()){


$_SESSION['mail']=$name;


header("location:welcome.php");
  echo "login successful";


}
  }


else{
```

```php
?><script>
alert('Login Failed.!');
window.location.href='inject.php';
</script>
<?php
}
}
}
// header("location:inject.php");

?>
```

16)user_page.php:

```php
<?php
session_start();
if(!isset($_SESSION['mail']))
{
  header("location: inject.php");
}
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css"
integrity="sha384-
```

```
Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"
crossorigin="anonymous">

    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-
awesome/4.7.0/css/font-awesome.min.css" integrity="sha384-
wvfXpqpZZVQGK6TAh5PVlGOfQNHSoD2xbE+QkPxCAFlNEevoEH3Sl0sibVcOQVnN"
crossorigin="anonymous">

    <link rel="stylesheet" href="http://tawian.io/text-spinners/spinners.css">

    <link rel="stylesheet" href="node_modules/bootstrap/dist/css/bootstrap.min.css">

     <link rel="stylesheet" href="node_modules/font-awesome/css/font-awesome.min.css">

     <link rel="stylesheet" href="node_modules/bootstrap-social/bootstrap-social.css">

    <script src="https://code.jquery.com/jquery-3.2.1.slim.min.js" integrity="sha384-
KJ3o2DKtIkvYIK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN"
crossorigin="anonymous"></script>

    <title>Document</title>
</head>
<style>

    body{

    background-color:rgba(233, 233, 231, 0.918);

    font-family:Georgia, 'Times New Roman', Times, serif;

}
.nav-item{

    width:4cm;

  }
 nav{

    background-color:navy!important;

 }
 .nav-link{

    color:white;

 }
 html, body {width: auto!important; overflow-x: hidden!important}
 #image{
```

```
      width:18cm;

      height:7cm;


  }
  .card{

    border-color:rgba(233, 233, 231, 0.918) gray rgba(233, 233, 231, 0.918) rgba(233, 233,
231, 0.918);

  }
</style>


<body>
<nav class="navbar navbar-expand-lg">
  <div class="container-fluid">
    <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-
target="#navbarTogglerDemo01" aria-controls="navbarTogglerDemo01" aria-
expanded="false" aria-label="Toggle navigation">
      <span class="navbar-toggler-icon"></span>
    </button>
    <div class="collapse navbar-collapse" id="navbarTogglerDemo01">
      <ul class="navbar-nav me-auto mb-2 mb-lg-0">
      <li class="nav-item">
        <a class="nav-link active" aria-current="page" href="welcome.php">Home <i
class="fa fa-lg fa-home" aria-hidden="true"></i></a>
       </li>
       <li class="nav-item">
        <a class="nav-link" href="user_search.php">Search for users</a>
       </li>
       <li class="nav-item">
        <a class="nav-link" href="insertpage.php">&nbsp&nbspTweet / post</a>
       </li>
       <li class="nav-item">
```

```html
        <a class="nav-link" href="user_page.php">Your account</a>
      </li>
      <li class="nav-item" style="margin-left:19cm;">
        <a class="nav-link" href="logout.php">Logout</a>
      </li>
    </ul>
  </div>
  </div>
</nav>
```

```php
<?php

error_reporting(0);

$con = mysqli_connect("localhost","root","","major_proj");

// Check connection
if (mysqli_connect_errno())
  {
  echo "Failed to connect to MySQL: " . mysqli_connect_error();
  }
 $mail=$_SESSION['mail'];
  $asc_query = "SELECT * FROM user where mail_id='{$mail}'";
  $result = executeQuery($asc_query);


  $row = mysqli_fetch_array($result);


function executeQuery($query)
```

```php
{
    $connect = mysqli_connect("localhost", "root", "", "major_proj");

    $result = mysqli_query($connect, $query);


    return $result;
}
?>
```

```html
<div class="row">
<div class="col-5">
<div class="card mb-3" style="max-width: 540px;background-color:rgba(233, 233, 231,
0.918);margin:1cm;border-right">
  <div class="row g-0">
    <div class="col-md-4">
      <img src="new13.png" alt="...">
    </div>
    <div class="col-md-8">
      <div class="card-body" style="margin-top:0.7cm;">
        <h5 class="card-title"><b><?php echo $row[1];?></b></h5>
        <p class="card-text">Email :<?php echo $row[0];?></p>
        <p class="card-text">Phone : <?php echo $row[3];?></p>

      </div>
    </div>
  </div>
</div>
</div>
```

```php
<?php

$query = "SELECT * FROM post where mail_id='{$mail}'";
```

```php
$rs = executeQuery($query);


?>


<div class="col-7"style="margin-top:1.6cm;font-family:Georgia, 'Times New Roman',
Times, serif;">


</div>
</div>


<div class="container">
   <div class="row-fluid ">
   <?php
  if(mysqli_num_rows($result)){
  while($r = mysqli_fetch_array($rs)){?>



    <div class="container">
     <div class="col-6">
       <div class="card-columns-fluid">
          <div class="card" style = "width: 67rem; " >
          <h5 class="card-header"><i class="fa fa-user-circle" aria-
hidden="true"></i>&nbsp&nbsp&nbsp <?php echo $r[1];?> </h5>
             <div class="card-body">
               <p class="card-text"><?php echo $r[2];?></p>
             </div>
          </div>
        </div>
        </div>
     </div><br><br>
```

```php
      <?php
    }
    }
    else echo'No posts';
     ?>
    </div>
</div> <!--container div  -->


</body>
</html>
```

17)user_search.php:

```php
<?php
session_start();
if(!isset($_SESSION['mail']))
{
  header("location: inject.php");
}
?>
```
```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css"
integrity="sha384-
Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"
crossorigin="anonymous">
```

```html
    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-
awesome/4.7.0/css/font-awesome.min.css" integrity="sha384-
wvfXpqpZZVQGK6TAh5PVlGOfQNHSoD2xbE+QkPxCAFlNEevoEH3Sl0sibVcOQVnN"
crossorigin="anonymous">

    <link rel="stylesheet" href="http://tawian.io/text-spinners/spinners.css">

    <link rel="stylesheet" href="node_modules/bootstrap/dist/css/bootstrap.min.css">

     <link rel="stylesheet" href="node_modules/font-awesome/css/font-awesome.min.css">

     <link rel="stylesheet" href="node_modules/bootstrap-social/bootstrap-social.css">

    <script src="https://code.jquery.com/jquery-3.2.1.slim.min.js" integrity="sha384-
KJ3o2DKtIkvYIK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN"
crossorigin="anonymous"></script>

    <title>Document</title>
</head>
<style>
  #social{
     padding-top:2.5cm;
     padding-left:7.5cm;
     color:black;
    font-family:'Courier New', Courier, monospace;;
    font-size:29pt;


  }
  #engine{
     padding-left:7.5cm;
     color:black;
    font-family:'Courier New', Courier, monospace;;
    font-size:29pt;
  }
 #sbox{
    width:16cm;
    height:1.3cm;
```

```css
    border-radius:25px;

    border-color:gray;

    padding-top:2px;

}

form{

    padding-top:0.1cm;

}

#button{

    border-radius:30px;

    width:2cm;

    height:1cm;

}


::placeholder{

    color:red;

    font-family:Georgia, 'Times New Roman', Times, serif;

    font-size:24pt;

    font-style: italic;

}

body{

 background-color:rgb(252, 255, 185);

}

#image{

    width:22cm;

    height:10.5cm;

}

.nav-item{

    width:4cm;
```

```css
      font-family:Georgia, 'Times New Roman', Times, serif;

   }

   nav{

      background-color:#E6BF00 !important;

   }

   .nav-link{

      color:white;

   }

   html, body {width: auto!important; overflow-x: hidden!important}
```

```html
</style>


<body>
<nav class="navbar navbar-expand-lg">
  <div class="container-fluid">
    <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarTogglerDemo01" aria-controls="navbarTogglerDemo01" aria-expanded="false" aria-label="Toggle navigation">
      <span class="navbar-toggler-icon"></span>
    </button>
    <div class="collapse navbar-collapse" id="navbarTogglerDemo01">
      <ul class="navbar-nav me-auto mb-2 mb-lg-0">
      <li class="nav-item">
        <a class="nav-link active" aria-current="page" href="welcome.php">Home <i class="fa fa-lg fa-home" aria-hidden="true"></i></a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="user_search.php">Search for users</a>
      </li>
      <li class="nav-item">
```

```html
          <a class="nav-link" href="insertpage.php">&nbsp&nbspTweet / post</a>

        </li>

        <li class="nav-item">

          <a class="nav-link" href="user_page.php">Your account</a>

        </li>

        <li class="nav-item" style="margin-left:19cm;">

          <a class="nav-link" href="logout.php">Logout</a>

        </li>

      </ul>

    </div>

  </div>

</nav>

    <div class="row">

      <div id="social" class="offset-3 col-3">

        <b>Social</b>

      </div>

    </div>

    <div class="row">

      <div class="offset-5 col-6">

      <form method="get" action="user_search_disp.php">

        <input id="sbox" type="text" placeholder="Search" aria-label="Search"
name="search" required>

        <button id="button" class="btn btn-primary btn-sm" type="submit">Search</button>

      </form>

      </div>

    </div>

    <div class="row">

      <div id="engine" class="offset-3 col-3">

        <b>Engines</b>
```

```
        </div>

    </div>

    <div class="row">

        <div class="col-4" style="margin-left:-3cm;">

            <img id="image" src="transp3.png">

        </div>

    </div>


</body>

</html>
```

18)user_search_disp.php:

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css"
integrity="sha384-
Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"
crossorigin="anonymous">

    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-
awesome/4.7.0/css/font-awesome.min.css" integrity="sha384-
wvfXpqpZZVQGK6TAh5PVlGOfQNHSoD2xbE+QkPxCAFlNEevoEH3Sl0sibVcOQVnN"
crossorigin="anonymous">

    <link rel="stylesheet" href="http://tawian.io/text-spinners/spinners.css">

    <link rel="stylesheet" href="node_modules/bootstrap/dist/css/bootstrap.min.css">

     <link rel="stylesheet" href="node_modules/font-awesome/css/font-awesome.min.css">

     <link rel="stylesheet" href="node_modules/bootstrap-social/bootstrap-social.css">
```

```html
    <script src="https://code.jquery.com/jquery-3.2.1.slim.min.js" integrity="sha384-KJ3o2DKtIkvYIK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN" crossorigin="anonymous"></script>
    <title>Document</title>
</head>
<style>
body{
margin-top:2cm;
margin-left:1.4cm;
margin-right:1cm;
background-color:rgb(252, 255, 185);
}
.card{

box-shadow: 0px 0px 5px 1px rgba(0,0,0,0.75);
-webkit-box-shadow: 0px 0px 5px 1px rgba(0,0,0,0.75);
-moz-box-shadow: 0px 0px 5px 1px rgba(0,0,0,0.75);
    display:inline-block;
    margin:0.9cm;
}
.card-title,.card-text{
    text-align:center;
}


 </style>
<body>


<?php
```

```php
error_reporting(0);

$con = mysqli_connect("localhost","root","","major_proj");

// Check connection
if (mysqli_connect_errno())
  {
  echo "Failed to connect to MySQL: " . mysqli_connect_error();
  }
  if($_SERVER["REQUEST_METHOD"] == "GET") {
    // username and password sent from form


    $name =$_GET['search'];
    $command = escapeshellcmd("python D:/xampp/htdocs/final_codes/sqlitest.py \"$name\"
");
    $output = shell_exec($command);


  }
  if ($output==0){
  $asc_query = "SELECT uname,mail_id,phone FROM user where uname like '%$name%'";
  $result = executeQuery($asc_query);


  }
  else{
    ?> <script>
    alert('Sql Injection alert..!! Please use valid Credentials ,Else you will be blocked..!!');
    window.location.href='user_search.php';
    </script>
    <?php
```

```php
    }

function executeQuery($query)
{
    $connect = mysqli_connect("localhost", "root", "", "major_proj");
    $result = mysqli_query($connect, $query);


    return $result;
}
if(mysqli_num_rows($result)){


    while($row = mysqli_fetch_array($result)){?>
    <div class="card" style="width:400px">
<img class="card-img-top" src="https://cdn1.iconfinder.com/data/icons/ui-instagram-1/354/person-512.png" alt="Card image" style="  display: block;
    margin-left: auto;
    margin-right: auto;
    width: 50%;">


    <div class="card-body">
      <h4 class="card-title"><?php echo $row[0] ?></h4>
      <p class="card-text"><?php echo $row[1] ?></p>
      <p class="card-text"><?php echo $row[2] ?></p>
    </div>
    </div>


<?php

    }
```

```php
}
else{

    echo"No user found";

}
    ?>
</body>
</html>
```

19)welcome.php:

```php
<?php
session_start();
if(!isset($_SESSION['mail']))
{
  header("location: inject.php");
}
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css"
integrity="sha384-
Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"
crossorigin="anonymous">

    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-
awesome/4.7.0/css/font-awesome.min.css" integrity="sha384-
```

wvfXpqpZZVQGK6TAh5PVlGOfQNHSoD2xbE+QkPxCAFlNEevoEH3Sl0sibVcOQVnN" crossorigin="anonymous">

```html
    <link rel="stylesheet" href="http://tawian.io/text-spinners/spinners.css">

    <link rel="stylesheet" href="node_modules/bootstrap/dist/css/bootstrap.min.css">

     <link rel="stylesheet" href="node_modules/font-awesome/css/font-awesome.min.css">

     <link rel="stylesheet" href="node_modules/bootstrap-social/bootstrap-social.css">

    <script src="https://code.jquery.com/jquery-3.2.1.slim.min.js" integrity="sha384-KJ3o2DKtIkvYIK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN" crossorigin="anonymous"></script>

    <title>Document</title>
</head>
<style>
  body{
  background-color:rgba(233, 233, 231, 0.918);
  font-family:Georgia, 'Times New Roman', Times, serif;
}
.nav-item{
    width:4cm;
  }
  nav{
    background-color:navy!important;
  }
  .nav-link{
    color:white;
  }
  html, body {width: auto!important; overflow-x: hidden!important}
#image{
  width:15.5cm;
  height:8cm;
}
```

```html
</style>
<body>
  <nav class="navbar navbar-expand-lg">
  <div class="container-fluid">
    <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarTogglerDemo01" aria-controls="navbarTogglerDemo01" aria-expanded="false" aria-label="Toggle navigation">
      <span class="navbar-toggler-icon"></span>
    </button>
    <div class="collapse navbar-collapse" id="navbarTogglerDemo01">
      <ul class="navbar-nav me-auto mb-2 mb-lg-0">
        <li class="nav-item">
          <a class="nav-link active" aria-current="page" href="welcome.php">Home <i class="fa fa-lg fa-home" aria-hidden="true"></i></a>
        </li>
        <li class="nav-item">
          <a class="nav-link" href="user_search.php">Search for users</a>
        </li>
        <li class="nav-item">
          <a class="nav-link" href="insertpage.php">&nbsp&nbspTweet / post</a>
        </li>
        <li class="nav-item">
          <a class="nav-link" href="user_page.php">Your account</a>
        </li>
        <li class="nav-item" style="margin-left:19cm;">
          <a class="nav-link" href="logout.php">Logout</a>
        </li>
      </ul>
    </div>
```

```php
  </div>
</nav>
<?php


error_reporting(0);



$con = mysqli_connect("localhost","root","","major_proj");



// Check connection
if (mysqli_connect_errno())
  {
  echo "Failed to connect to MySQL: " . mysqli_connect_error();
  }



function executeQuery($query)
{
    $connect = mysqli_connect("localhost", "root", "", "major_proj");
    $result = mysqli_query($connect, $query);

    return $result;
}
    // username and password sent from form


    $name =$_SESSION['mail'];


    // echo  exec("D:/xampp/htdocs/final_project/sample.py" );
    $sql = "SELECT uname FROM user WHERE mail_id = '{$name}' ";
```

```php
    $result = mysqli_query($con,$sql);

    $row = mysqli_fetch_array($result)
?>
<div class="container-fluid">
  <div class="row">
    <div class="col-6" style="margin-top:1.5cm;margin-left:3cm;">
    <h2><b>Welcome <?php echo $row[0];?>!</b></h2>  <br>
      <h2><b>Social </b>networks represent the digital reflection</h2>
      <h2> of humans do;</h2>
      <h2><b>we connect and share.</b></h2>
</div>
<div class="col-4" style="margin-right:1cm;">
<img id="image" src="new6.png">
</div>
</div>
</div>
<div class="container">
    <div class="row-fluid ">
    <?php
     $query = "SELECT * FROM post";
    $rs = executeQuery($query);

    if(mysqli_num_rows($rs)){
      while($r = mysqli_fetch_array($rs)){?>

      <div class="container">
       <div class="col-6">
         <div class="card-columns-fluid">
            <div class="card" style = "width: 67rem; " >
```

```
            <h5 class="card-header"><i class="fa fa-user-circle" aria-
hidden="true"></i>&nbsp&nbsp&nbsp<?php echo $r[1]; ?></h5>

            <div class="card-body">

                <p class="card-text"><?php echo $r[2]; ?></p>

            </div>

          </div>

        </div>

        </div>

      </div><br><br>
<?php
  }
  }
  ?>
  </div>
</div> <!--container div  -->


</body>
 </html>
```

20)xssinject.php:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <form method="get" action="xssver.php">
```

```
     <input type="text" name="name" id="name" >


     <input type="submit" value="submit" id="submit" >
   </form>
</body></html>
```

21)xssver.php:

```php
<?php
error_reporting(0);
session_start();
  if($_SERVER["REQUEST_METHOD"] == "GET") {
   // username and password sent from form


   $name =$_SESSION['mail'];
   $data=$_GET['name'];
   $command = escapeshellcmd("python D:/xampp/htdocs/final_codes/1xss.py \"$data\" ");
   $output = shell_exec($command);
if ($output==0)
{
   $con = mysqli_connect('localhost','root',",'major_proj') or die('Unable To connect');


   $sql = "insert into post (mail_id,data) values('$name','$data')";


   $stmt = mysqli_prepare($con,$sql);


   mysqli_stmt_execute($stmt);


   $check = mysqli_stmt_affected_rows($stmt);
```

```php
    if($check==1){


        $msg = 'Image Successfullly UPloaded please login now ';

        header("location:post_disp.php");

    }else{

        $msg = 'Error uploading image';

    }

    mysqli_close($con);

}

else{

    ?> <script>

    alert('XSS alert..!! Please use valid data ,Else you will be blocked..!!');

    window.location.href='insertpage.php';

    </script>

    <?php

}

    // $command = escapeshellcmd('C:/final project/XSStest.py');

    // $output = shell_exec($command);

    // echo $output;

}

    ?>
```

MODULE 2/log analysis

1)admin.py:

from os import name

import pandas as pd

import matplotlib.pyplot as plt

```python
data = pd.read_excel("adminddos.xlsx")

Name = data.columns

# for i in Name:

#      print(i,end=" ")

# print("\n")

Name = Name[1:]


val = list(data.loc[0])

for i in val:

        print(i,end=" ")

print("\n")

val= val[1:]

fig, ax = plt.subplots()

color_palette_list = ['#FF4D70','#FFE141','#00BEFE','#33CC66']

plt.rcParams['font.sans-serif'] = 'Arial'

plt.rcParams['font.family'] = 'sans-serif'

plt.rcParams['text.color'] = 'black'

plt.rcParams['axes.labelcolor']= '#909090'

plt.rcParams['xtick.color'] = '#909090'

plt.rcParams['ytick.color'] = '#909090'

plt.rcParams['font.size']=20

fig.set_facecolor('#D5EBFD')

labels = Name

percentages = val

exp=(0.05,0.05)

ax.pie(percentages, explode=exp, labels=labels,

        colors=color_palette_list[0:2], autopct='%1.0f%%',

        shadow=True, startangle=0,

        pctdistance=0.5,labeldistance=1.2)
```

```python
ax.axis('equal')


fig.savefig('ddos.png')




data1 = pd.read_excel("admindata.xlsx")


Name1 = data1.columns
# for i in Name1:
#     print(i,end=" ")
# print("\n")
Name1 = Name1[1:]




val1 = list(data1.loc[0])
for i in val1:
    print(i,end=" ")
print("\n")
val1 = val1[1:]




fig1, ax1 = plt.subplots()


plt.rcParams['font.sans-serif'] = 'Arial'
plt.rcParams['font.family'] = 'sans-serif'
plt.rcParams['text.color'] = 'black'
plt.rcParams['axes.labelcolor']= '#909090'
```

```python
plt.rcParams['xtick.color'] = '#909090'

plt.rcParams['ytick.color'] = '#909090'

plt.rcParams['font.size']=20

fig1.set_facecolor('#D5EBFD')

labels = Name1

percentages = val1

explode=(0.05,0.05,0.05,0.05)

ax1.pie(percentages, explode=explode, labels=labels,

    colors=color_palette_list[0:], autopct='%1.0f%%',

    shadow=True, startangle=0,

    pctdistance=0.5,labeldistance=1.2)

ax1.axis('equal')


fig1.savefig('main.png')
```


2)log.py:
```python
#!/usr/bin/env python
# coding: utf-8


# In[1]:


from tensorflow.keras import models
from apachelogs import LogParser
import pandas as pd


import sys


import numpy as np
```

```python
parser = LogParser("%h %l %u %t \"%r\" %>s %b \"%{Referer}i\" \"%{User-Agent}i\"")


import pandas as pd
global f
f=pd.DataFrame(columns=['IP_Address','Date','Time','Method','Req_url','Status_code','Bytes
_recieved','Source_url','User_Agent'])
data={}


def append_df_to_excel(df, excel_path):
    try:
        df_excel = pd.read_excel(excel_path)
        result = pd.concat([df_excel, df], ignore_index=True)
        result.to_excel(excel_path, index=False,engine='xlsxwriter')
    except:
        df.to_excel(excel_path,index=False,engine='xlsxwriter')


def df_to_excel_new(val, excel_path):
    if len(val) ==3:
        try:
            l = pd.read_excel(excel_path)
            abc = np.array(l.iloc[0])
            abc[0]+= val[0]
            abc[1]+= val[1]
            abc[2]+=val[2]
            l.iloc[0] = abc
            l.to_excel(excel_path,index=False,engine='xlsxwriter')
        except:
            l = pd.DataFrame(columns=['Total','Bengin','DDOS'])
            l.loc[0] = val
```

```python
            l.to_excel(excel_path,index=False,engine='xlsxwriter')


    if len(val)==5:
        try:
            l = pd.read_excel(excel_path)
            abc = np.array(l.iloc[0])
            abc[0]+= val[0]
            abc[1]+= val[1]
            abc[2]+= val[2]
            abc[3]+= val[3]
            abc[4]+=val[4]
            l.iloc[0] = abc
            l.to_excel(excel_path,index=False,engine='xlsxwriter')
        except:
            l = pd.DataFrame(columns=['Total','Bengin','Robot','SQLi','XSS'])
            l.loc[0]=val
            l.to_excel(excel_path,index=False,engine='xlsxwriter')
# In[3]:
try:
    file1 = open("MyFile.txt","r")
    i1=int(file1.readline())
    i1+=1
    file1.close()
except:
    i1=0
with open('D:/Xampp/apache/logs/access.log') as fp:  # doctest: +SKIP
    # count=i1
    data={}
    for i,entry in enumerate(parser.parse_lines(fp)):
```

```python
        if (i>=i1):

            print(i)

            ob=entry.request_time

            date = ob.strftime("%d-%b-%Y")

            time=ob.strftime("%H:%M:%S")

            try:

                method=entry.request_line.split(" ")[0]

                url=entry.request_line.split(" ")[1]

            except:

                method=None

                url=entry.request_line
    #        ###print(method,)
    #         code=entry.final_status
    #        ###print(code)
            data['IP_Address']=entry.remote_host

            data['Date']=str(date)

            data['Time']=str(time)

            data['Method']=method

            data['Req_url']=url

            data['Status_code']=entry.final_status

            data['Bytes_recieved']=entry.bytes_sent

            data['Source_url']=entry.headers_in['Referer']

            data['User_Agent']=entry.headers_in['User-Agent']

            f = f.append(data,ignore_index=True)

        else:

            continue


    #
###print(entry.remote_host,date,time,entry.request_line,entry.final_status,entry.bytes_sent,en
try.headers_in['Referer'],entry.headers_in['User-Agent'])
```

```python
        #count+=1
####print(f)
if f.empty:
    sys.exit()



filew = open("MyFile.txt","w+")
filew.write(str(i))
filew.close()



# f.to_excel('data.xlsx',index=False ,engine='xlsxwriter')
append_df_to_excel(f,"data.xlsx")
# df = pd.DataFrame(pd.read_excel("data.xlsx"))
df=f
df=df.sort_values(by=['IP_Address','Date','Time'])
##print(df)


# append_df_to_excel(df,"sorted.xlsx")

import numpy as np
import pandas as pd
p=pd.DataFrame()
time=0
ip=0
ua=0
source=0
dos=[]
# df = pd.DataFrame(pd.read_excel("sorted.xlsx"))
```

```python
df = df.fillna('-')

p=df[df['User_Agent']=='-']

####print(p)

nosource=pd.DataFrame()

nosource=p[p['Source_url']=='-']

nosource=p[p['Status_code']==400]

##print(nosource)


ddos=pd.DataFrame(columns=['IP_Address','Date','Time','Num_Req'])

name={}


count=0

if len(nosource)==0:

    print("No DDOS attack found")


else:

    pre=nosource.values[0]

    ##print(pre)

    num=0

    for val in nosource.values:

        num+=1


        if pre[0]==val[0] and pre[1]==val[1] and pre[2]==val[2]:

            count+=1


        else:

            name['IP_Address']=pre[0]

            name['Date']=pre[1]

            name['Time']=pre[2]
```

```python
            name['Num_Req']=count
            ###print(pre[2],count)
            ddos=ddos.append(name,ignore_index=True)
            count=1
            pre=val
        name['IP_Address']=pre[0]
        name['Date']=pre[1]
        name['Time']=pre[2]
        name['Num_Req']=count
        ddos=ddos.append(name,ignore_index=True)
    ###print(num)
    ###print(ddos)


    ###print(len(ddos))
    append_df_to_excel(ddos, "ddos.xlsx")
    # ddos.to_excel('ddos.xlsx',index=False )




# In[ ]:




# append_df_to_excel(ddos, "ddos.xlsx")




# In[8]:




##print(len(df)-len(nosource))
inject=pd.DataFrame()
```

```python
inject= df.drop_duplicates().merge(nosource.drop_duplicates(),
on=nosource.columns.to_list(),

            how='left', indicator=True)

inject.loc[inject._merge=='left_only',inject.columns!='_merge']

####print(inject)

##print(inject)




# In[9]:




df1=pd.DataFrame()

df1 = pd.merge(df,nosource, how='outer', indicator=True)


Output=df1.loc[df1._merge == 'left_only']

####print(df1)

##print(len(Output))

del Output['_merge']

# for i in Output.values:

#    ###print(i)


##print(Output)

# Output.to_excel('output.xlsx')




# In[11]:




other=Output[Output.Req_url.str.contains('^/final_codes')]
```

```
##print(other)


# In[15]:


df2=pd.DataFrame()
df2 = pd.merge(Output,other, how='outer', indicator=True)


tool=df2.loc[df2._merge == 'left_only']
####print(df1)
##print(len(tool))
del tool['_merge']
# for i in Output.values:
#    ###print(i)
##print(tool)
#tool.to_excel('owsap.xlsx')
append_df_to_excel(tool, "owasp.xlsx")


# In[16]:


attack=Output[Output.Req_url.str.contains('^/final_codes.*\.php.*')]
##print(attack)
##print(len(attack))


# In[17]:
```

```python
sql=attack[attack.User_Agent.str.contains('sql')]
##print(sql)
# sql.to_excel('sqlattack.xlsx',index=False)
append_df_to_excel(sql, "sqlattack.xlsx")


# In[18]:


df3=pd.DataFrame()
df3 = pd.merge(attack,sql, how='outer', indicator=True)


rob1=df3.loc[df3._merge == 'left_only']
####print(df1)
##print(len(rob1))
del rob1['_merge']
# for i in Output.values:
#    ###print(i)
##print(rob1)
# tool.to_excel('owsap.xlsx')


# In[20]:


blank=rob1[rob1['Source_url']=='-']
```

```python
main=blank[blank.Req_url.str.contains('inject.php')]


dele= pd.merge(blank,main, how='outer', indicator=True)


blank=dele.loc[dele._merge == 'left_only']
# ###print(df1)
###print(len(rob1))
del blank['_merge']


###print(main)
###print('********************')
###print(blank)




# In[21]:




a1= pd.merge(rob1,blank, how='outer', indicator=True)


actual=a1.loc[a1._merge == 'left_only']
# ###print(df1)
###print(len(rob1))
del actual['_merge']
# ###print(actual)
ex=actual
ex=ex.sort_values(by=['IP_Address','Date','Time'])
human = ex.drop_duplicates(subset = ["IP_Address","Date","Time"])


# ###print(len(ex))
```

```python
df4=pd.DataFrame()
df4 = pd.merge(ex,human, how='outer', indicator=True)


robo=df4.loc[df4._merge == 'left_only']
# ###print(df1)


del robo['_merge']


# ###print(human)
###print(robo)
con=[human,robo]
human=pd.concat(con)
human=human.sort_values(by=['IP_Address','Date','Time'])
# ###print(human)



# In[22]:


sqltool=[sql,blank]
sqltool=pd.concat(sqltool)
sqltool=sqltool.sort_values(by=['IP_Address','Date','Time'])
##print(sqltool)



# In[23]:


append_df_to_excel(sqltool, "robot.xlsx")
```

```python
append_df_to_excel(human, "human.xlsx")
##print(human)




# In[26]:




from urllib.parse import unquote
import urllib.parse
import logsql as f1
sqlattack1=human[human.Req_url.str.contains('sqlver.php')]


sqli= pd.DataFrame()
lst=[]
for  i in sqlattack1.values:
    file=i[4]
    try:
        first=file.split("=")[1]
        first=first.split("&")[0]
        first= urllib.parse.unquote(first)
        two=file.split("=")[2]
        two= unquote(two)
        a=f1.testing1([first])
        b=f1.testing1([two])

        if a ==1 or b ==1:
            lst+=[i]
```

```python
    except:
        print("No Get Methods")


print('*'*100)
# print(sqli)
print('*'*100)



# In[27]:
sqlattack2=human[human.Req_url.str.contains('user_search_disp.php')]
##print(sqlattack2)
for i in sqlattack2.values:
    # print(i)
    file=i[4]
    data=file.split("=")[1]
    data= unquote(data)
    d = f1.testing1([data])
    if d == 1:
        lst+=[i]
sqli=sqli.append(lst)
append_df_to_excel(sqli,'Newsqli.xlsx')
# print(sqli)



from log1xss import test as f2
xsslst=[]
xss1=human[human.Req_url.str.contains('xssver.php')]
# print(xss1)
xss2= pd.DataFrame()
```

```python
for i in xss1.values:
    file=i[4]
    xss=file.split("=")[1]
    xss= unquote(xss)
    # print(xss)


    c = f2(xss)


    if c ==1 :
        xsslst+=[i]
    # print(xss)
xss2=xss2.append(xsslst)
append_df_to_excel(xss2,'Newxss.xlsx')




# f.drop_duplicates()
tot=len(f)
print("total",tot)
dd=len(nosource)
print(dd)
ben =tot - dd
dos={}
dos['Total']=tot
dos['Bengin'] = tot - dd
dos['DDOS']=dd
print(dos)
lst1 =[tot,ben,dd]
print("list1",lst1)
```

```python
df_to_excel_new(lst1,"adminddos.xlsx")


att={}
a_total=len(attack)
a_rob=len(sqltool)
a_sql=len(sqli)
a_xss=len(xss2)
ben1=a_total-a_rob-a_sql-a_xss
att['Total']=a_total
att['Bengin']=ben1
att['Robot']=a_rob
att['SQLi']=a_sql
att['XSS']=a_xss
lst=[a_total,ben1,a_rob,a_sql,a_xss]
print(a_total,ben1,a_rob,a_sql,a_xss)
print(att)


df_to_excel_new(lst,"admindata.xlsx")
```

3)log1xss.py:
```python
from keras.models import model_from_json
import sys

# load json and create model
json_file = open('modelxss.json', 'r')
loaded_model_json = json_file.read()
json_file.close()
```

```python
loaded_model = model_from_json(loaded_model_json)
# load weights into new model
loaded_model.load_weights("modelxss.h5")
# print("Loaded model from disk")
import pandas as pd


import re
def test(s):
    li=[]
    if("&lt" in s):
        li.append(1)
    else:
        li.append(0)




    # In[135]:




    if("<script>" in s):
        li.append(1)
    else:
        li.append(0)




    # In[136]:




    if("'><' in s):
```

```python
        li.append(1)
    else:
        li.append(0)
```

In[137]:

```python
if("'><" in s):
    li.append(1)
else:
    li.append(0)
```

In[138]:

```python
if("and" in s):
    li.append(1)
else:
    li.append(0)
```

In[139]:

```python
if("%" in s):
    li.append(1)
else:
```

```python
    li.append(0)
```

```python
if("/" in s):
    li.append(1)
else:
    li.append(0)
```

```python
if("\\" in s):
    li.append(1)
else:
    li.append(0)
```

```python
if("+" in s):
    li.append(1)
else:
    li.append(0)
```

In[143]:

```python
if("document." in s):
    li.append(1)
else:
    li.append(0)
```

In[144]:

```python
if("window." in s):
    li.append(1)
else:
    li.append(0)
```

In[145]:

```python
if(".Onload" in s):
    li.append(1)
else:
    li.append(0)
```

In[146]:

```python
if("onerror" in s):
    li.append(1)
else:
    li.append(0)
```

In[147]:

```python
if("<div>" in s):
    li.append(1)
else:
    li.append(0)
```

In[148]:

```python
if("<iframe>" in s):
    li.append(1)
else:
    li.append(0)
```

In[149]:

```python
if("<img>" in s):
    li.append(1)
else:
    li.append(0)
```

In[150]:

```python
if("src" in s):
    li.append(1)
else:
    li.append(0)
```

In[151]:

```python
if("var" in s):
    li.append(1)
else:
    li.append(0)
```

In[152]:

```python
if("eval" in s):
    li.append(1)
```

```python
    else:
        li.append(0)
```

In[153]:

```python
if("href" in s):
    li.append(1)
else:
    li.append(0)
```

In[154]:

```python
if("cookie" in s):
    li.append(1)
else:
    li.append(0)
```

In[155]:

```python
if(".fromCharCode()" in s):
    li.append(1)
else:
    li.append(0)
```

In[156]:

```python
if("'" in s):
    li.append(1)
else:
    li.append(0)
```

In[157]:

```python
if("?" in s):
    li.append(1)
else:
    li.append(0)
```

In[158]:

```python
if("!" in s):
    li.append(1)
else:
    li.append(0)
```

In[159]:

```python
if(";" in s):
    li.append(1)
else:
    li.append(0)
```

In[160]:

```python
if("js" in s):
    li.append(1)
else:
    li.append(0)
```

In[161]:

```python
if("#" in s):
    li.append(1)
else:
    li.append(0)
```

In[162]:

```python
if("=" in s):
    li.append(1)
else:
    li.append(0)


# In[163]:


if("(" in s):
    li.append(1)
else:
    li.append(0)


# In[164]:


if(")" in s):
    li.append(1)
else:
    li.append(0)


# In[165]:


if("[[]]" in s):
```

```python
        li.append(1)
    else:
        li.append(0)
```

In[166]:

```python
    if("$" in s):
        li.append(1)
    else:
        li.append(0)
```

In[167]:

```python
    if("{" in s):
        li.append(1)
    else:
        li.append(0)
```

In[168]:

```python
    if("}" in s):
        li.append(1)
    else:
```

```python
    li.append(0)
```

In[169]:

```python
if("*" in s):
    li.append(1)
else:
    li.append(0)
```

In[170]:

```python
if("," in s):
    li.append(1)
else:
    li.append(0)
```

In[171]:

```python
if("-" in s):
    li.append(1)
else:
    li.append(0)
```

In[172]:


```python
if("<" in s):
    li.append(1)
else:
    li.append(0)
```


In[173]:


```python
if(">" in s):
    li.append(1)
else:
    li.append(0)
```


In[174]:


```python
if("at" in s):
    li.append(1)
else:
    li.append(0)
```


In[175]:

```python
if("_" in s):
    li.append(1)
else:
    li.append(0)
```

In[176]:

```python
if("location" in s):
    li.append(1)
else:
    li.append(0)
```

In[177]:

```python
if("search" in s):
    li.append(1)
else:
    li.append(0)
```

In[178]:

```python
if("&#" in s):
    li.append(1)
else:
    li.append(0)
```

In[179]:

```python
if(":" in s):
    li.append(1)
else:
    li.append(0)
```

In[180]:

```python
if("." in s):
    li.append(1)
else:
    li.append(0)
```

In[181]:

```python
if("[" in s):
    li.append(1)
```

```python
    else:
        li.append(0)
```

In[182]:

```python
if("]" in s):
    li.append(1)
else:
    li.append(0)
```

In[183]:

```python
if("`" in s):
    li.append(1)
else:
    li.append(0)
```

In[184]:

```python
if(" " in s):
    li.append(1)
else:
    li.append(0)
```

```
# In[185]:


if("" in s):
    li.append(1)
else:
    li.append(0)


# In[186]:


if("==" in s):
    li.append(1)
else:
    li.append(0)


# In[187]:


if("//" in s):
    li.append(1)
else:
    li.append(0)
```

In[188]:

```python
if("|" in s):
    li.append(1)
else:
    li.append(0)
```

In[189]:

```python
if("^" in s):
    li.append(1)
else:
    li.append(0)
```

In[190]:

```python
if("¦" in s):
    li.append(1)
else:
    li.append(0)
```

In[191]:

```python
if("alert" in s):
    li.append(1)
else:
    li.append(0)
```

In[192]:

```python
if("<br" in s):
    li.append(1)
else:
    li.append(0)
```

In[193]:

```python
letter=0
number=0
symbol=0
for i in s:
    if i.isalpha():
        letter+=1
    elif i.isdigit():
        number+=1
    else:
        symbol+=1
```

```
l=len(s)
# print(l,letter,number,symbol)
```

```
li.append(letter/l)
li.append(number/l)
li.append(symbol/l)
```

```
lst= li
```

```python
    ans = loaded_model.predict_classes([lst])
    ans=ans[0][0]


    # In[102]:



    return ans
print(test("<script>alert(1);</script>"))
```

4)logsql.py:
```python
#!/usr/bin/env python
# coding: utf-8


# In[1]:
import time
import sys
start=time.time()
import pandas as pd


from sklearn.model_selection import train_test_split


from sklearn.feature_extraction.text import CountVectorizer


import sklearn


from keras.models import model_from_json


import pickle
```

```python
# import os
# os.environ['path']


# In[2]:


def load_csv():
    global sqlidf
    contents=[]
    with open("sqli.csv",'r',encoding = 'utf-16') as f:
        for line in f:
            word=line.split('\n')
            list2 = [x for x in word if x]
            list1 = list2[0].rsplit(',',maxsplit=1)
            sentence=list1[0][1:]
            label=list1[1][:-1]
            listx=[sentence,label]
            contents += [listx]

    contents=contents[1:]
    sqlidf = pd.DataFrame(contents,columns=['Sentence','Label'])

load_csv()
```

```
# In[3]:


sqlidf['Sentence'] = sqlidf['Sentence'].astype(str)
sqlidf['Label']=sqlidf['Label'].astype(int)


# In[4]:


X=sqlidf['Sentence']
y=sqlidf['Label']
X_train, X_test, y_train, y_test = train_test_split(X, y, test_size=0.2)


# In[5]:


# load json and create model
json_file = open('model.json', 'r')
loaded_model_json = json_file.read()
json_file.close()
loaded_model = model_from_json(loaded_model_json)
# load weights into new model
loaded_model.load_weights("model.h5")
# print("Loaded model from disk")
```

```python
# In[6]:


def testing1(querystring):

    instance = X_test

    instance.iloc[0] = querystring[0]

    # print(instance.iloc[0])

    vocabulary_to_load = pickle.load(open("dictionary.pickle", 'rb'))

    loaded_vectorizer =
sklearn.feature_extraction.text.CountVectorizer(vocabulary=vocabulary_to_load)

    loaded_vectorizer._validate_vocabulary()


    instance_posts = loaded_vectorizer.transform(instance).toarray()


    pred = loaded_model.predict(instance_posts)

    # print(pred[0])

    if pred[0]>0.5:

        res=1

    else:

        res=0


    return res
```

5)run.py:
```python
import sys

from  logsql import testing1 as test

uname=sys.argv[1]

pas=sys.argv[2]
```

```python
# print(uname,pas)
one=test([uname])
two=test([pas])
if one==1 or two ==1 :
    print(1)
else:
    print(0)
```

6)logxss.py:
```python
#!/usr/bin/env python
# coding: utf-8


import numpy as np
import pandas as pd


import cv2
from tensorflow.keras import models
from sklearn.model_selection import train_test_split


# In[2]:



def load_csv():
    contents=[]
    with open("XSS_dataset.csv",'r') as f:
        for line in f:
            word = line.split('\n')
            sentence = word[0]
            index , string = sentence.split(',',maxsplit=1)
```

```python
        sentence, label = string.rsplit(',',maxsplit=1)

        sentence = sentence.strip('"')

        contents += [[sentence , label]]



    contents=contents[1:]

    #print(contents)

    global xssdf

    xssdf = pd.DataFrame(contents,columns=['Sentence','Label'])

    xssdf = xssdf.replace({'\t': ''}, regex=True)

    xssdf['Sentence'] = xssdf['Sentence'].astype(str)

    xssdf['Label']=xssdf['Label'].astype(int)



load_csv()
```

In[3]:

```python
X = xssdf['Sentence']

y = xssdf['Label'].values

trainX, testX, trainY, testY = train_test_split(X,y, test_size=0.2)
```

In[4]:

```python
def convert_to_ascii(sentence):
```

```python
sentence_ascii=[]

for i in sentence:

    if(ord(i)<8222):    # ” :  8221

        if(ord(i)==8217): # ’ :  8217
            sentence_ascii.append(39)



        if(ord(i)==8221): # ” :  8221 ""
            sentence_ascii.append(34)


        if(ord(i)==8220): # “ :  8220
            sentence_ascii.append(34)



        if(ord(i)==8216): # ‘ :  8216
            sentence_ascii.append(39)



        if(ord(i)==8211): # – :  8211
            sentence_ascii.append(45)



        """
        If values less than 128 store them else discard them
        """
        if (ord(i)<=128):
```

```python
            sentence_ascii.append(ord(i))

        else:

            pass


    zer=np.zeros((10000))


    for i in range(len(sentence_ascii)):
        zer[i]=sentence_ascii[i]


    zer.shape=(100, 100)


    return zer




# In[5]:


def preprocessing(sentences):
    arr=np.zeros((len(sentences),100,100))


    for i in range(len(sentences)):


        image=convert_to_ascii(sentences[i])


        x=np.asarray(image,dtype='float')
```

```python
        image =  cv2.resize(x, dsize=(100,100), interpolation=cv2.INTER_CUBIC)
        image/=128


        arr[i]=image
    return arr
```

Testing

In[6]:

```python
def testing(querystring):
    instance=[]
    instance = testX
    instance = instance[:250]
    instance[-1] = querystring[0]
    test_instance=instance.values
    instance_arr = preprocessing(test_instance)
    instance_data = instance_arr.reshape(instance_arr.shape[0], 100, 100, 1)
    pred=loaded_model.predict(instance_data)
    print(pred[-1])
    if pred[-1]>0.5:
        res=1
    else:
        res=0


    return res
```

In[7]:

```python
from tensorflow.keras.models import model_from_json
# load json and create model
json_file = open('xssmodel.json', 'r')
loaded_model_json = json_file.read()
json_file.close()
loaded_model = model_from_json(loaded_model_json)
# load weights into new model
loaded_model.load_weights("xssmodel.h5")
print("Loaded model from disk")


a=testing("window.alert()")
print(a)
```

7)adminver.php:

```php
<?php
session_start();
error_reporting(0);


$con = mysqli_connect("localhost","root","","major_proj");

// Check connection
if (mysqli_connect_errno())
  {
```

```php
    echo "Failed to connect to MySQL: " . mysqli_connect_error();
  }
  if($_SERVER["REQUEST_METHOD"] == "POST") {
    // username and password sent from form


    // echo  exec("D:/xampp/htdocs/final_project/sample.py" );
    $name = $_POST['aname'];
    $pass = $_POST['apass'];



  // $command2 = escapeshellcmd("python C:/xampp/htdocs/final_project/sqlitest1.py
\"$pass\" ");
  // $output2 = shell_exec($command2);



    $sql = "SELECT * FROM admin WHERE aname = '{$name}' and apass = '{$pass}';";


    $result = mysqli_query($con,$sql);
    //$row = mysqli_fetch_array($result,MYSQLI_ASSOC);
  // $active = $row['active'];


    $count = mysqli_num_rows($result);
    if($count>=1){
while($rs = $result->fetch_assoc()){


$_SESSION['name']=$name;


header("location:admin_dash.php");
```

```php
    echo"success";


    }



}
else{
?>
    <script>
    alert('invalid login');
    window.location.href='home.php';
    </script>
    <?php
}
  }
  // header("location:inject.php");


  ?>
```

8)admin_dash.php:

```php
<?php
session_start();
if(!isset($_SESSION['name']))
{
  header("location:home.php");
}
?>
<!DOCTYPE html>
<html lang="en">
```

```html
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css"
integrity="sha384-
Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"
crossorigin="anonymous">

    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-
awesome/4.7.0/css/font-awesome.min.css" integrity="sha384-
wvfXpqpZZVQGK6TAh5PVlGOfQNHSoD2xbE+QkPxCAFlNEevoEH3Sl0sibVcOQVnN"
crossorigin="anonymous">

    <link rel="stylesheet" href="http://tawian.io/text-spinners/spinners.css">

    <link rel="stylesheet" href="node_modules/bootstrap/dist/css/bootstrap.min.css">

    <link rel="stylesheet" href="node_modules/font-awesome/css/font-awesome.min.css">

    <link rel="stylesheet" href="node_modules/bootstrap-social/bootstrap-social.css">

    <script src="https://code.jquery.com/jquery-3.2.1.slim.min.js" integrity="sha384-
KJ3o2DKtIkvYIK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN"
crossorigin="anonymous"></script>

    <title>Document</title>
</head>
<style>
body{
    background-color:rgb(213, 235, 253);

    font-family:Georgia, 'Times New Roman', Times, serif;

    padding:1.2cm;


}
img{

    width:17cm;

    height:12cm;

}
```

```php
</style>
<body>
  <?php
$command = escapeshellcmd("python D:/Xampp/htdocs/final_codes/admin.py ");
$output = shell_exec($command);
// print(gettype($output));
 #print_r($output);
$sp = explode(' ',$output);



// echo $output[1];
// echo $output[2];
// echo $output[3];

?>
<div class="row">
  <div class="col-8">
<h1>Admin Dashboard</h1>
<p>see statistics about the social media site here</p>
<hr>
</div>
<div class="col-4">
<form method="post" action="log.php">
    <h5>Click here for log analysis &nbsp &nbsp <input type="submit" name="button1" class="btn btn-primary" value="Click"/>
   </form>
</div>


</div>
```

```php
<?php

?>
<div>
<div class="row">
  <div class="col-md-6" style="min-height: 500px;">
  <img src="main.png">
  </div>

  <div class="col-md-6">
   <div class="row h-100 flex-column">
    <div class="col-md-6 mw-100">
     <h5><b>The Total number of requests : <?php echo $sp[3]; ?></b></h5>
    <div class="card-deck" style="margin-top:1cm;">
     <div class="card">


        <div class="card-block">
        <div class="card-header"><h5><b>BENIGN: <?php echo $sp[4]; ?>
</b></h5></div>
        <div class="card-body">
          <p class="card-text">
            This is the total benign requests.
          </p>
  </div>
        </div>
      </div>


        <div class="card">
```

```html
<div class="card-block">
<div class="card-header"><h5><b>ROBOT:  <?php echo $sp[5]; ?>
</b></h5></div>
<div class="card-body">
  <p class="card-text">
  This is the total number of attacks by robot.<br>
  <a href="open.php?name=robot.xlsx">Click here to View the Robot requests</a>
  </p>


  </div>

  </div>

 </div>

</div>


 </div>


 <div class="col-md-6 mw-100">
 <div class="card-deck" style="margin-top:0cm;">
  <div class="card">


  <div class="card-block">
  <div class="card-header"><h5><b>SQLI ATTACK: <?php echo $sp[6]; ?>
</b></h5></div>
  <div class="card-body">
    <p class="card-text">
    This is the total number of Sqli attacks.
    <br>
    <a href="open.php?name=Newsqli.xlsx">Click here to View the Sqli attacks.</a>
    </p>
```

```html
    </div>

        </div>

    </div>


    <div class="card">


        <div class="card-block">

        <div class="card-header"><h5><b>XSS ATTACKS:  <?php echo $sp[7]; ?>
</b></h5></div>
        <div class="card-body">

          <p class="card-text">

          This is the total number of Xss attacks.

          <br>

          <a href="open.php?name=Newxss.xlsx">Click here to View the Xss attacks.</a>

          </p>


        </div>

      </div>

    </div>


    </div>

  </div>


  </div>
</div>


<style>
  /* just for displaying correctly without content */
```

```
  [class*='col'] {

   min-height: 200px;

  }

</style>

</div>

<hr>

<div style="margin-top:1cm;">

<div class="row">

  <div class="col-md-6" style="min-height: 500px;">

  <img src="ddos.png">

  </div>


  <div class="col-md-6" style="margin-top:3cm;">

   <div class="row h-100 flex-column">

    <div class="col-md-6 mw-100">

     <h5><b>The total number of requests : <?php echo $sp[0]; ?></b></h5>

     <br>

         <a href="open.php?name=data.xlsx">Click here to View all the requests.</a>

    <div class="card-deck" style="margin-top:1cm;">

     <div class="card">


       <div class="card-block">

       <div class="card-header"><h5><b>BENIGN:  <?php echo $sp[1]; ?>
</b></h5></div>

       <div class="card-body">

         <p class="card-text">

          This is the total benign requests.


         </p>
```

```html
        </div>

          </div>

      </div>


      <div class="card">


        <div class="card-block">

        <div class="card-header"><h5><b> DDOS ATTACKS:  <?php echo $sp[2]; ?>
</b></h5></div>

        <div class="card-body">

          <p class="card-text">

          This is the total number of DDOS attacks.

          <br>

          <a href="open.php?name=ddos.xlsx">Click here to View the DOS attack
requests</a>

          </p>


        </div>

        </div>

      </div>

    </div>


      </div>




  </div>
</div>
</div>
```

```html
<button id="user" type="button" class="btn btn-primary"><i class="fa fa-user-circle" aria-hidden="true"></i>&nbsp Log-out</button>&nbsp

<script type="text/javascript">

    document.getElementById("user").onclick = function () {

        location.href = "logout.php";

    };

</script>

</body>

</html>
```

9)log.php:

```php
<?php


$command = escapeshellcmd("python D:/Xampp/htdocs/final_codes/log.py");

$output = shell_exec($command);

header("location:admin_dash.php")


?>
```


10)open.php:

```php
<?php


$name=$_GET['name'];


$command = escapeshellcmd("start excel \"$name\" ");

$output = shell_exec($command);
```

```php
header("location:admin_dash.php");



?>
```