

AIM: Design HTML pages with CGI script support which provide student functionalities to register themselves, login by using their registration details with MySQL database.

➤ **Html page login**

```
<!DOCTYPE html>
<html lang="en">
<head>
    <title>Login V16</title>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
<!--
=====
----->
    <link rel="icon" type="image/png" href="images/icons/favicon.ico"/>
<!--
=====
----->
    <link rel="stylesheet" type="text/css" href="vendor/bootstrap/css/bootstrap.min.css">
<!--
=====
----->
    <link rel="stylesheet" type="text/css" href="fonts/font-awesome-4.7.0/css/font-
awesome.min.css">
<!--
=====
----->
    <link rel="stylesheet" type="text/css" href="fonts/Linearicons-Free-v1.0.0/icon-
font.min.css">
<!--
=====
----->
    <link rel="stylesheet" type="text/css" href="vendor/animate/animate.css">
<!--
=====
----->
    <link rel="stylesheet" type="text/css" href="vendor/css-
hamburgers/hamburgers.min.css">
<!--
=====
----->
    <link rel="stylesheet" type="text/css" href="vendor/ansition/css/ansition.min.css">
```

```

<!--
=====
=====-->
    <link rel="stylesheet" type="text/css" href="vendor/select2/select2.min.css">
<!--
=====
=====-->
    <link rel="stylesheet" type="text/css"
href="vendor/daterangepicker/daterangepicker.css">
<!--
=====
=====-->
    <link rel="stylesheet" type="text/css" href="css/util.css">
    <link rel="stylesheet" type="text/css" href="css/main.css">
<!--
=====
=====-->
</head>
<body>
    <script>
        function fn()
        {
            window.location.replace("http://127.0.0.1/wt10/Login/register.html");
        }
    </script>
    <div class="limiter">
        <div class="container-login100" style="background-image: url('images/bg-
01.jpg');">
            <div class="wrap-login100 p-t-30 p-b-50">
                <span class="login100-form-title p-b-41">
                    Account Login
                </span>
                <form class="login100-form validate-form p-b-33 p-t-
5" action="http://127.0.0.1/wt10/wt10.py" method="get">

                    <div class="wrap-input100 validate-input" data-validate =
"Enter username">
                        <input class="input100" type="text"
name="username" placeholder="User name">
                        <span class="focus-input100" data-
placeholder="&#xe82a;"></span>
                    </div>

                    <div class="wrap-input100 validate-input" data-
validate="Enter password">

```

```

                                <input class="input100" type="password"
name="password" placeholder="Password">
                                <span class="focus-input100" data-
placeholder="&#xe80f;"></span>
                                </div>

                                <div class="container-login100-form-btn m-t-32">
                                    <button class="login100-form-btn">
                                        Login
                                    </button>
                                </div>
                                <hr>
                                <center>
                                    <button class="login100-form-btn" onclick="fn()" >
                                        Registration
                                    </button>
                                </center>
                            </form>
                        </div>
                    </div>
                </div>
            </div>

```

```

<div id="dropDownSelect1"></div>

<!--
=====
=====-->
    <script src="vendor/jquery/jquery-3.2.1.min.js"></script>
<!--
=====
=====-->
    <script src="vendor/ansition/js/ansition.min.js"></script>
<!--
=====
=====-->
    <script src="vendor/bootstrap/js/popper.js"></script>
    <script src="vendor/bootstrap/js/bootstrap.min.js"></script>
<!--
=====
=====-->
    <script src="vendor/select2/select2.min.js"></script>
<!--
=====
=====-->

```

```
<script src="vendor/daterangepicker/moment.min.js"></script>
<script src="vendor/daterangepicker/daterangepicker.js"></script>
<!--
=====
=====-->
<script src="vendor/countdowntime/countdowntime.js"></script>
<!--
=====
=====-->
<script src="js/main.js"></script>

</body>
</html>
```

➤ Html page registartion

```
<!DOCTYPE html>

<html lang="en">

<head>

<title>Login V16</title>

<meta charset="UTF-8">

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

<!--
=====
=====-->

<link rel="icon" type="image/png" href="images/icons/favicon.ico"/>

<!--
=====
=====-->

<link rel="stylesheet" type="text/css" href="vendor/bootstrap/css/bootstrap.min.css">

<!--
=====
=====-->
```

```
<link rel="stylesheet" type="text/css" href="fonts/font-awesome-4.7.0/css/font-  
awesome.min.css">
```

```
<!--
```

```
=====
```

```
=====-->
```

```
<link rel="stylesheet" type="text/css" href="fonts/Linearicons-Free-v1.0.0/icon-  
font.min.css">
```

```
<!--
```

```
=====
```

```
=====-->
```

```
<link rel="stylesheet" type="text/css" href="vendor/animate/animate.css">
```

```
<!--
```

```
=====
```

```
=====-->
```

```
<link rel="stylesheet" type="text/css" href="vendor/css-hamburgers/hamburgers.min.css">
```

```
<!--
```

```
=====
```

```
=====-->
```

```
<link rel="stylesheet" type="text/css" href="vendor/animation/css/animation.min.css">
```

```
<!--
```

```
=====
```

```
=====-->
```

```
<link rel="stylesheet" type="text/css" href="vendor/select2/select2.min.css">
```

```
<!--
```

```
=====
```

```
=====-->
```

```
<link rel="stylesheet" type="text/css" href="vendor/daterangepicker/daterangepicker.css">
```

```
<!--
```

```
=====
```

```
=====-->
```

```
<link rel="stylesheet" type="text/css" href="css/util.css">

<link rel="stylesheet" type="text/css" href="css/main.css">

<!--
=====
=====-->

</head>

<body>

    <script>

function fn()

{

    window.location.replace("http://127.0.0.1/wt10/reg/colorlib-regform-26/");

}

</script>

    <div class="limiter">

        <div class="container-login100" style="background-image: url('images/bg-01.jpg');">

            <div class="wrap-login100 p-t-30 p-b-50">

                <span class="login100-form-title p-b-41">

                    Account Registration

                </span>

                <form class="login100-form validate-form p-b-33 p-t-5" action="http://127.0.0.1/wt10/wt10.py" method="get">

                    <div class="wrap-input100 validate-input" data-validate = "Enter
username">

                        <input class="input100" type="text" name="uname"
placeholder="User name">
```

```
        <span class="focus-input100" data-  
placeholder="#xe82a;"></span>  
    </div>
```

```
    <div class="wrap-input100 validate-input" data-validate = "Enter  
Phone number">
```

```
        <input class="input100" type="text" name="pn"  
placeholder="Phone number">
```

```
        <span class="focus-input100" data-  
placeholder="#xe82a;"></span>  
    </div>
```

```
    <div class="wrap-input100 validate-input" data-validate = "Enter  
Phone Email">
```

```
        <input class="input100" type="text" name="em"  
placeholder="Email">
```

```
        <span class="focus-input100" data-  
placeholder="#xe82a;"></span>  
    </div>
```

```
    <div class="wrap-input100 validate-input" data-validate="Enter  
password">
```

```
        <input class="input100" type="password" name="pass"  
placeholder="Password">
```

```
        <span class="focus-input100" data-  
placeholder="#xe80f;"></span>  
    </div>
```

```
<hr>
```

```
<center>
```

```
<button class="login100-form-btn" type="submit" >
    Register
</button>

</center>

</form>

</div>

</div>

</div>

<div id="dropDownSelect1"></div>

<!--
=====
=====-->

<script src="vendor/jquery/jquery-3.2.1.min.js"></script>

<!--
=====
=====-->

<script src="vendor/animstion/js/animstion.min.js"></script>

<!--
=====
=====-->

<script src="vendor/bootstrap/js/popper.js"></script>

<script src="vendor/bootstrap/js/bootstrap.min.js"></script>
```



```
<!--  
=====-->  
  
<script src="vendor/select2/select2.min.js"></script>  
  
<!--  
=====-->  
  
<script src="vendor/daterangepicker/moment.min.js"></script>  
<script src="vendor/daterangepicker/daterangepicker.js"></script>  
  
<!--  
=====-->  
  
<script src="vendor/countdowntime/countdowntime.js"></script>  
  
<!--  
=====-->  
  
<script src="js/main.js"></script>  
  
</body>  
</html>
```

➤ **Code .pyfile with cgi:**

```
#!C:\Users\Dell Store\AppData\Local\Programs\Python\Python37\python.exe
print("Content-type:text/html\r\n\r\n")
import cgi, cgiib
import MySQLdb
import mysql.connector
cnx = mysql.connector.connect(user='root',passwd="",host='127.0.0.1')
cur=cnx.cursor()
try:
    cur.execute("CREATE DATABASE kishan")
except:
    print("<p>Database allrady exist</p>")
#prepare a cursor object using cursor() method
db = MySQLdb.connect("127.0.0.1","root","","kishan" )
cur = db.cursor()
sql = "CREATE TABLE kdata(username char(20),phone char(30),email char(30),Password
char(30))"
try:
    cur.execute(sql)
    print("<p>table created successfuley</p>")
except :
    print("<p>table is allrady exist</p>")
form=cgi.FieldStorage()
un=form.getvalue("username")
ps=form.getvalue("password")
ru=form.getvalue("uname")
rpn=form.getvalue("pn")
rem=form.getvalue("em")
rpass=form.getvalue("pass")

#print("<h1>%s %s</h1>"%(un,ps))
#-----

#=====
=====

print("")

<html>
<head>
    <title> WT 17012021036 </title>
```

```
<link rel="stylesheet" type="text/css" href="home.css">
</head>
<body background="csabgd.jpg" text="white">
<center><h1>    Kishan Patel-17012021036</h1></center>")
```

```
#-----
try:
    x=" insert into kdata(username,phone,email>Password) values(%s,%s,%s,%s) "
    y=(ru,rpn,rem,rpass)
    cur.execute(x,y)
    db.commit()
    print(" <center><h2>data inserted successfully</h2></center>")
except :
    print("<h2>data not inserted</h2>")
```

```
sql = "select password from kdata where username='%s' "%(un,
```

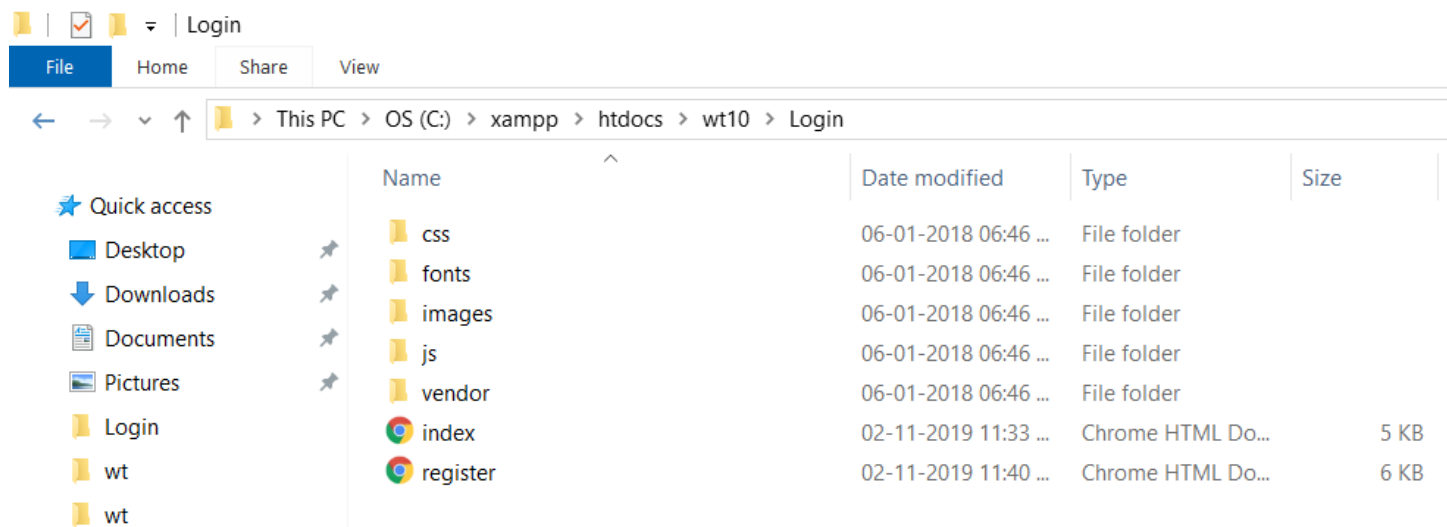
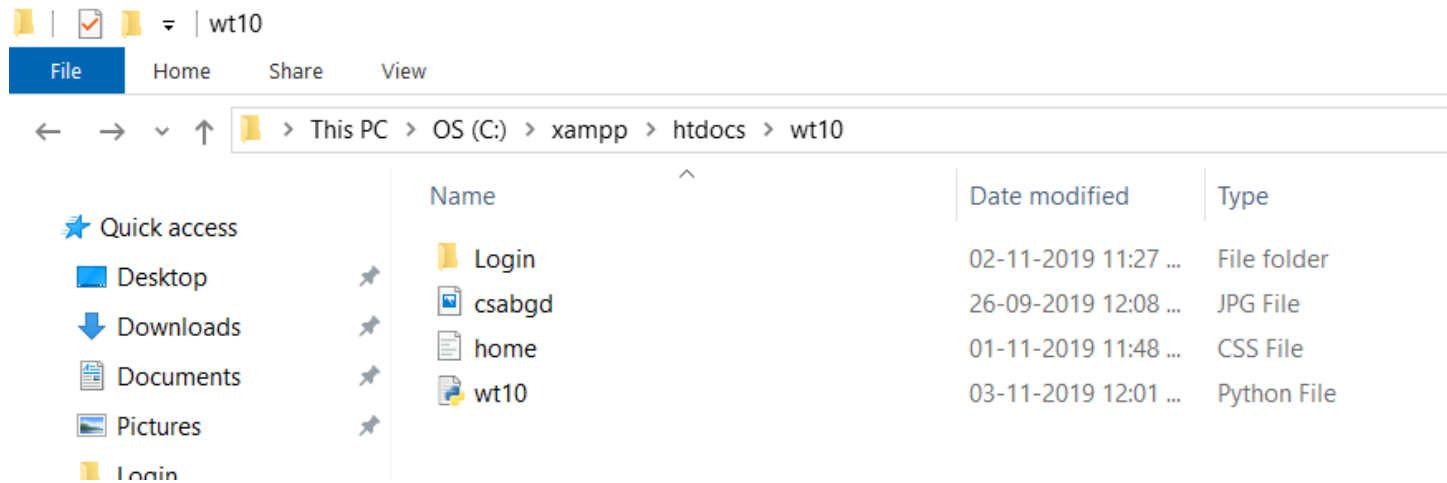
```
cur.execute(sql)
result = cur.fetchall()
for row in cur:
    r=row[0];
```

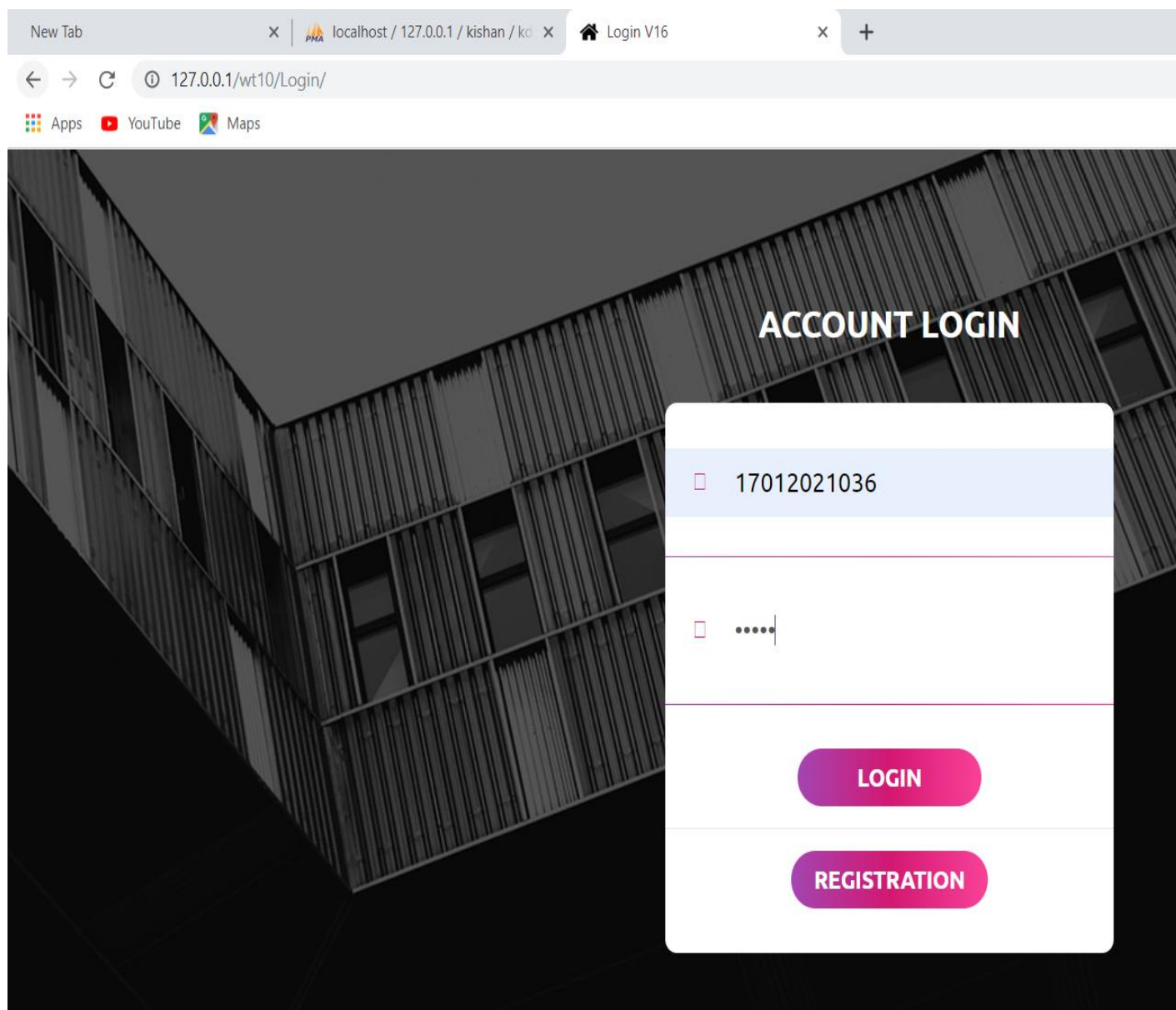
```
try:
    if(r==ps):
        print("<center><h2>Login Successfully %s</h2><center>"%(r,))
    else:
        print("<center><h2>User Not Exist</h2><center>")
except:
    print("<center><h2>User Not Exist</h2><center>")
#-----
```

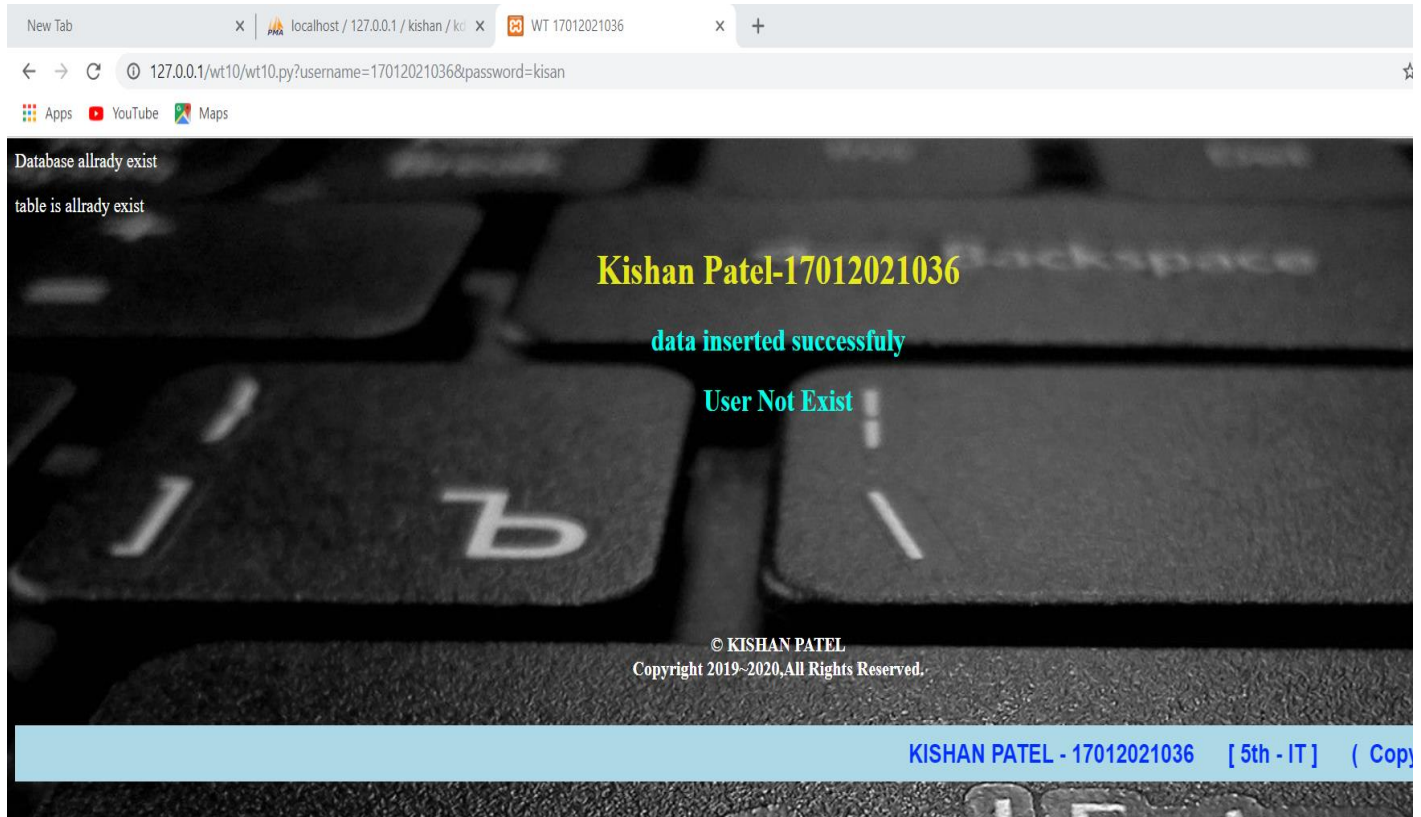
```
print("<br><br><br><br><br><br>
<center><p> &copy;; <b>KISHAN PATEL <b><br>
  Copyright 2019~2020,All Rights Reserved.</p></center>")
```

[illegible]

```
print('</body>')
print('</html>')
```

➤ **Output :**





New Tab x | localhost / 127.0.0.1 / kishan / kd x | Login V16 x +

← → ↻ 127.0.0.1/wt10/Login/register.html

Apps YouTube Maps

ACCOUNT REGISTRATION

REGISTER

New Tab × localhost / 127.0.0.1 / kishan / kd × WT 17012021036

← → ↻ ⓘ localhost/phpmyadmin/sql.php?db=kishan&table=kdata&pos=0

Apps YouTube Maps

phpMyAdmin

Recent Favorites

- New
- information_schema
- kishan
 - New
 - data
 - kdata
- mysql
- performance_schema
- phpmyadmin
- std
- student
- test

Server: 127.0.0.1 » Database: kishan » Table: kdata

Browse Structure SQL Search Insert

✓ Showing rows 0 - 16 (17 total, Query took 0.0006 seconds.)

```
SELECT * FROM `kdata`
```

☐ Show all | Number of rows: 25 Filter rows: Search th

+ Options

username	phone	email	Password
kishan	123456789	kishanpatel@gmail.com	kishan
NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL
kishanpatel	0987654321	5th_lt_b2batch	kishan

