

**8. Design and develop a User Authentication System using cookies, sessions, JWT, and SMS API. Also, identify which is suitable for your application.**

**Connection.php**

```
<?php
$servername="localhost";
$username="root";
$password="";
$dbname="college";
$conn=mysqli_connect($servername,$username,$password,$dbname);
if($conn)
{
echo"";
}
else
{
echo"connection failed! Check Again";
}
?>
```

**login.php**

```
<?php
session_start();
include('connection.php');
?>

<form action="" " method="POST">
Username<input type="text" name="username"><br><br>
Password<input type="text" name="password"><br><br>
<input type="submit" name="submit" value="LOGIN">
```

```

</form>

<?php
if (isset($_POST["submit"]))
{
$user=$_POST["username"];
$psd=$_POST["password"];
$query="SELECT*FROM STUDENT WHERE USERNAME='$user' ";
$data=mysqli_query($conn,$query);
$total=mysqli_num_rows($data);
if($total==1)
{
$_SESSION['user_name']=$user;
echo("login successful");
header('location:welcome.php');
}
else
{
echo("login failed!");
}
}
?>

```

### **Welcome.php**

```

<?php
session_start();
echo"welcome".$_SESSION['user_name'];
?>

```

## OUTPUT:

localhost / localhost / college / student

phpMyAdmin

college

student

Create table

#	Column	Type	Collation	Attributes	Null	Default	Extra	Action
1	id	int(10)			No	None		Change Drop More
2	name	varchar(30)	latin1_swedish_ci		No	None		Change Drop More
3	address	varchar(30)	latin1_swedish_ci		No	None		Change Drop More
4	username	varchar(50)	latin1_swedish_ci		No	None		Change Drop More
5	password	varchar(50)	latin1_swedish_ci		No	None		Change Drop More

Check All / Uncheck All With selected: Browse Change Drop Primary Unique Index

Print view Relation view Propose table structure Track table

Add 1 column(s) At End of Table At Beginning of Table After id Go

No index defined!

Create an index on 1 columns Go

Space usage		Row Statistics	
Type	Usage	Statements	Value
Data	16,384 B	Format	Compact
Index	0 B	Collation	latin1_swedish_ci
Total	16,384 B	Creation	NOV 24, 2023 at 02:20 PM

localhost / localhost / college / student

localhost/task8/login.php

Username: asas

Password: 123

LOGIN

