

1. Membuat Tabel pada Database

```
CREATE TABLE `forum_question` (  
  `id` int(4) NOT NULL auto_increment,  
  `topic` varchar(255) NOT NULL default "",  
  `detail` longtext NOT NULL,  
  `name` varchar(65) NOT NULL default "",  
  `email` varchar(65) NOT NULL default "",  
  `datetime` varchar(25) NOT NULL default "",  
  `view` int(4) NOT NULL default '0',  
  `reply` int(4) NOT NULL default '0',  
  PRIMARY KEY (`id`)  
) ENGINE=MyISAM DEFAULT CHARSET=utf8 AUTO_INCREMENT=6 ;
```

```
CREATE TABLE `forum_answer` (  
  `question_id` int(4) NOT NULL default '0',  
  `a_id` int(4) NOT NULL default '0',  
  `a_name` varchar(65) NOT NULL default "",  
  `a_email` varchar(65) NOT NULL default "",  
  `a_answer` longtext NOT NULL,  
  `a_datetime` varchar(25) NOT NULL default "",  
  KEY `a_id` (`a_id`)  
) ENGINE=MyISAM DEFAULT CHARSET=utf8;
```

2. Membuat File Create_topic.php

```
<html>  
<head>  
<title>Menciptakan Topik</title>  
</head>  
  
<body>  
<table width="400" border="0" align="center" cellpadding="0" cellspacing="1" bgcolor="#CCCCCC">  
<tr>  
<form id="form1" name="form1" method="post" action="add_topic.php">  
<td>  
<table width="100%" border="0" cellpadding="3" cellspacing="1" bgcolor="#FFFFFF">  
<tr>  
<td colspan="3" bgcolor="#E6E6E6"><strong>Create New Topic</strong> </td>  
</tr>  
<tr>  
<td width="14%"><strong>Topic</strong></td>  
<td width="2%">:</td>  
<td width="84%"><input name="topic" type="text" id="topic" size="50" /></td>  
</tr>
```

```

<tr>
<td valign="top"><strong>Detail</strong></td>
<td valign="top">:</td>
<td><textarea name="detail" cols="50" rows="3" id="detail"></textarea></td>
</tr>
<tr>
<td><strong>Name</strong></td>
<td>:</td>
<td><input name="name" type="text" id="name" size="50" /></td>
</tr>
<tr>
<td><strong>Email</strong></td>
<td>:</td>
<td><input name="email" type="text" id="email" size="50" /></td>
</tr>
<tr>
<td>&nbsp;</td>
<td>&nbsp;</td>
<td><input type="submit" name="Submit" value="Submit" /> <input type="reset"
name="Submit2" value="Reset" /></td>
</tr>
</table>
</td>
</form>
</tr>
</table>
<p align="center"><a href="main_forum.php">Batal dan Kembali Ke forum Utama
</a></p>
</body>

```

3. Membuat File add_topic.php

```

<html>
<head>
<title>Proses Menambah Topik Diskusi</title>
</head>

<body>
<?php
$host="localhost"; // Host name
$username="root"; // Mysql username
$password="root"; // Mysql password
$db_name="d3"; // Database name
$table_name="forum_question"; // Table name

```

```

// Connect to server and select database.
mysql_connect("$host", "$username", "$password")or die("cannot connect");
mysql_select_db("$db_name")or die("cannot select DB");

// get data that sent from form
$topic=$_POST['topic'];
$detail=$_POST['detail'];
$name=$_POST['name'];
$email=$_POST['email'];

$datetime=date("d/m/y h:i:s");//create date time

$sql="INSERT INTO $tbl_name(topic, detail, name, email, datetime)VALUES('$topic',
'$detail', '$name', '$email', '$datetime')";
$result=mysql_query($sql);

if($result){
echo "Successful<BR>";
echo "<a href=main_forum.php>View your topic</a>";
}
else {
echo "ERROR";
}
mysql_close();
?>
<p align="center"><a href="main_forum.php">Melihat Topik di Forum Diskusi
</a></p>
</body>
</html>

```

4. Membuat File main_forum.php

```

<html>
<head>
<title>Halaman Forum Utama</title>
</head>

<body>
<?php
$host="localhost"; // Host name
$username="root"; // Mysql username
$password="root"; // Mysql password
$db_name="d3"; // Database name
$tbl_name="forum_question"; // Table name

// Connect to server and select databse.
mysql_connect("$host", "$username", "$password")or die("cannot connect");

```

```

mysql_select_db("$db_name")or die("cannot select DB");

$sql="SELECT * FROM $tbl_name ORDER BY id DESC";
// OREDER BY id DESC is order result by descending
$result=mysql_query($sql);
?>
<table width="90%" border="0" align="center" cellpadding="3" cellspacing="1"
bgcolor="#CCCCCC">
<tr>
<td width="6%" align="center" bgcolor="#E6E6E6"><strong>#</strong></td>
<td width="53%" align="center" bgcolor="#E6E6E6"><strong>Topic</strong></td>
<td width="15%" align="center" bgcolor="#E6E6E6"><strong>Views</strong></td>
<td width="13%" align="center" bgcolor="#E6E6E6"><strong>Replies</strong></td>
<td width="13%" align="center"
bgcolor="#E6E6E6"><strong>Date/Time</strong></td>
</tr>
<?
$no=1;
?>
<?php
while($rows=mysql_fetch_array($result)){ // Start looping table row
?>
<tr>

<td bgcolor="#FFFFFF"><? echo $no; ?></td>
<td bgcolor="#FFFFFF"><a href="answer_topic.php?id=<? echo $rows['id']; ?>"><?
echo $rows['topic']; ?></a><BR></td>
<td align="center" bgcolor="#FFFFFF"><? echo $rows['view']; ?></td>
<td align="center" bgcolor="#FFFFFF"><? echo $rows['reply']; ?></td>
<td align="center" bgcolor="#FFFFFF"><? echo $rows['datetime']; ?></td>
<?
$no=$no+1;
?>
</tr>

<?php
// Exit looping and close connection
}
mysql_close();
?>
<tr>
<td colspan="5" align="right" bgcolor="#E6E6E6"><a
href="create_topic.php"><strong>Create New Topic</strong> </a></td>
</tr>
</table>
</body>

```

```
</html>
```

5. Membuat File answer_forum.php

```
<html>
```

```
<head>
```

```
<title>Memberi Komentar pada salah satu forum</title>
```

```
</head>
```

```
<body>
```

```
<?php
```

```
$host="localhost"; // Host name
```

```
$username="root"; // Mysql username
```

```
$password="root"; // Mysql password
```

```
$db_name="d3"; // Database name
```

```
$tbl_name="forum_question"; // Table name
```

```
// Connect to server and select databse.
```

```
mysql_connect("$host", "$username", "$password")or die("cannot connect");
```

```
mysql_select_db("$db_name")or die("cannot select DB");
```

```
// get value of id that sent from address bar
```

```
$id=$_GET['id'];
```

```
$sql="SELECT * FROM $tbl_name WHERE id='$id'";
```

```
$result=mysql_query($sql);
```

```
$rows=mysql_fetch_array($result);
```

```
?>
```

```
<table width="400" border="0" align="center" cellpadding="0" cellspacing="1"
bgcolor="#CCCCCC">
```

```
<tr>
```

```
<td><table width="100%" border="0" cellpadding="3" cellspacing="1" bordercolor="1"
bgcolor="#FFFFFF">
```

```
<tr>
```

```
<td bgcolor="#F8F7F1"><strong><? echo $rows['topic']; ?></strong></td>
```

```
</tr>
```

```
<tr>
```

```
<td bgcolor="#F8F7F1"><? echo $rows['detail']; ?></td>
```

```
</tr>
```

```
<tr>
```

```
<td bgcolor="#F8F7F1"><strong>By :</strong> <? echo $rows['name']; ?>
```

```
<strong>Email : </strong><? echo $rows['email']; ?></td>
```

```
</tr>
```

```

<tr>
<td bgcolor="#F8F7F1"><strong>Date/time :</strong><? echo $rows['datetime'];
?></td>
</tr>
</table></td>
</tr>
</table>
<BR>
<?php
$tbl_name2="forum_answer"; // Switch to table "forum_answer"

$sql2="SELECT * FROM $tbl_name2 WHERE question_id='$id'";
$result2=mysql_query($sql2);
$no=1;
while($rows=mysql_fetch_array($result2)){
?>
<table width="400" border="0" align="center" cellpadding="0" cellspacing="1"
bgcolor="#CCCCCC">
<tr>
<td><table width="100%" border="0" cellpadding="3" cellspacing="1"
bgcolor="#FFFFFF">
<tr>
<td width="18%" bgcolor="#F8F7F1"><strong>NO</strong></td>
<td width="5%" bgcolor="#F8F7F1">:</td>
<td width="77%" bgcolor="#F8F7F1"><? echo $no; ?></td>
</tr>
<tr>
<td width="18%" bgcolor="#F8F7F1"><strong>Name</strong></td>
<td width="5%" bgcolor="#F8F7F1">:</td>
<td width="77%" bgcolor="#F8F7F1"><? echo $rows['a_name']; ?></td>
</tr>
<tr>
<td bgcolor="#F8F7F1"><strong>Email</strong></td>
<td bgcolor="#F8F7F1">:</td>
<td bgcolor="#F8F7F1"><? echo $rows['a_email']; ?></td>
</tr>
<tr>
<td bgcolor="#F8F7F1"><strong>Answer</strong></td>
<td bgcolor="#F8F7F1">:</td>
<td bgcolor="#F8F7F1"><? echo $rows['a_answer']; ?></td>
</tr>
<tr>
<td bgcolor="#F8F7F1"><strong>Date/Time</strong></td>
<td bgcolor="#F8F7F1">:</td>
<td bgcolor="#F8F7F1"><? echo $rows['a_datetime']; ?></td>
</tr>

```

```

</table></td>
</tr>
</table><br>
<?
$no=$no+1;
?>
<?
}

```

```

$sql3="SELECT view FROM $tbl_name WHERE id='$id';
$result3=mysql_query($sql3);

```

```

$rows=mysql_fetch_array($result3);
$view=$rows['view'];

```

```

// if have no counter value set counter = 1
if(empty($view)){
$view=1;
$sql4="INSERT INTO $tbl_name(view) VALUES('$view') WHERE id='$id';
$result4=mysql_query($sql4);
}

```

```

// count more value
$addview=$view+1;
$sql5="update $tbl_name set view='$addview' WHERE id='$id';
$result5=mysql_query($sql5);

```

```

mysql_close();
?>

```

```

<BR>
<table width="400" border="0" align="center" cellpadding="0" cellspacing="1"
bgcolor="#CCCCCC">
<tr>
<form name="form1" method="post" action="add_answer.php">
<td>
<table width="100%" border="0" cellpadding="3" cellspacing="1" bgcolor="#FFFFFF">
<tr>
<td width="18%"><strong>Name</strong></td>
<td width="3%">:</td>
<td width="79%"><input name="a_name" type="text" id="a_name" size="45"></td>
</tr>
<tr>
<td><strong>Email</strong></td>
<td>:</td>
<td><input name="a_email" type="text" id="a_email" size="45"></td>
</tr>

```

```

<tr>
<td valign="top"><strong>Answer</strong></td>
<td valign="top">:</td>
<td><textarea name="a_answer" cols="45" rows="3" id="a_answer"></textarea></td>
</tr>
<tr>
<td>&nbsp;</td>
<td><input name="id" type="hidden" value="<? echo $id; ?>"></td>
<td><input type="submit" name="Submit" value="Submit"> <input type="reset"
name="Submit2" value="Reset"></td>
</tr>
</table>
</td>
</form>
</tr>
</table>

```

```

<p align="center"><a href="main_forum.php">Batal dan Kembali Ke Forum Utama
</a></p>
</body>
</html>

```

6. Menambah file add_answer.php

```

<html>
<head>
<title>Proses menambah komentar pada salah satu forum</title>
</head>

<body>
<?php
$host="localhost"; // Host name
$username="root"; // Mysql username
$password="root"; // Mysql password
$db_name="d3"; // Database name
$table_name="forum_answer"; // Table name

// Connect to server and select database.
mysql_connect("$host", "$username", "$password")or die("cannot connect");
mysql_select_db("$db_name")or die("cannot select DB");

// Get value of id that sent from hidden field
$id=$_POST['id'];

// Find highest answer number.
$sql="SELECT MAX(a_id) AS Maxa_id FROM $table_name WHERE question_id='$id'";
$result=mysql_query($sql);

```



```

$rows=mysql_fetch_array($result);

// add + 1 to highest answer number and keep it in variable name "$Max_id". if there no
answer yet set it = 1
if ($rows) {
$Max_id = $rows['Maxa_id']+1;
}
else {
$Max_id = 1;
}

// get values that sent from form
$a_name=$_POST['a_name'];
$a_email=$_POST['a_email'];
$a_answer=$_POST['a_answer'];

$datetime=date("d/m/y H:i:s"); // create date and time

// Insert answer
$sql2="INSERT INTO $tbl_name(question_id, a_id, a_name, a_email, a_answer,
a_datetime)VALUES('$id', '$Max_id', '$a_name', '$a_email', '$a_answer', '$datetime')";
$result2=mysql_query($sql2);

if($result2){
echo "Successful<BR>";
echo "<a href='view_topic.php?id=".$id."'>View your answer</a>";

// If added new answer, add value +1 in reply column
$tbl_name2="forum_question";
$sql3="UPDATE $tbl_name2 SET reply='$Max_id' WHERE id='$id'";
$result3=mysql_query($sql3);

}
else {
echo "ERROR";
}

mysql_close();
?>
</body>
</html>

```