Insert data in Mysql using Php Form

Step 1: Create Database

Step 2: Create Table
```
CREATE TABLE `posts` (
`id` INT(11) NOT NULL AUTO_INCREMENT,
`post_title` VARCHAR(255) NULL DEFAULT NULL,
`post_content` TEXT NULL,
`created` DATETIME NULL DEFAULT NULL,
PRIMARY KEY (`id`)
)
COLLATE='latin1_swedish_ci'
ENGINE=InnoDB
AUTO_INCREMENT=8
;
```

Step 3: Create Database Connection

```php
<?php
$host = "localhost";
$user = "root";
$pass = "";
$db = "demo";


$conn = mysqli_connect($host,$user,$pass, $db);
if(!$conn)
{
        die("Connection failed: " . mysqli_connect_error());
}
?>
```

Step 4: Form HTML

```html
<div class="container">
        <h3>Add Post</h3>
        <form action="" method="post">
                <input type="text" name="title" placeholder="Title of the post" required>
                <textarea cols="40" placeholder="Post Content" rows="8" name="post_content" required></textarea>
                <button type="submit" name="submit">Submit</button>
        </form>
</div>
```

Step 5: Apply CSS

```css
body{font-family:verdana;}
.container{width:500px;margin: 0 auto;}
h3{line-height:20px;font-size:20px;}
```

```css
input{display:block;width:350px;height:20px;margin:10px 0;}
textarea{display:block;width:350px;margin:10px 0;}
button{background:green; border:1px solid green;width:70px;height:30px;color:#ffffff}
```

Step 6: Get Title and Post Content values and save them in mysql

```php
if(isset($_POST['submit']))
{
        $postTitle = $_POST['title'];
        $postContent = $_POST['post_content'];
        $created = date("Y-m-d H:i:s");

        $sql = "insert into posts (post_title, post_content, created) values ('".$postTitle."', '".$postContent."', '".$created."')";
        $result = mysqli_query($conn, $sql);

        if($result)
        {
                echo "Post has been saved successfully";
        }
        else
        {
                echo "Unable to save post";
        }

}
```

Step 7: All together

```php
<?php
$host = "localhost";
$user = "root";
$pass = "";
$db = "demo";

$conn = mysqli_connect($host,$user,$pass, $db);
if(!$conn)
{
        die("Connection failed: " . mysqli_connect_error());
}

if(isset($_POST['submit']))
{
        $postTitle      = $_POST['title'];
        $postContent = $_POST['post_content'];
        $created = date("Y-m-d H:i:s");

        $sql = "insert into posts (post_title, post_content, created) values ('".$postTitle."', '".$postContent."', '".$created."')";

        $result = mysqli_query($conn, $sql);

        if($result)
        {
                echo "Post has been saved successfully";
        }
        else
        {
                echo "Unable to save post";
        }

}
?>
```

```html
<!DOCTYPE html>
<html>
<head>
<title> How to insert data in mysql using php</title>

<style>
        body{
                font-family:verdana;
        }
        .container{width:500px;margin: 0 auto;}
        h3{line-height:20px;font-size:20px;}
        input{display:block;width:350px;height:20px;margin:10px 0;}
        textarea{display:block;width:350px;margin:10px 0;}
        button{background:green; border:1px solid green;width:70px;height:30px;color:#ffffff}
</style>



</head>
<body>
<div class="container">
        <h3>Add Post</h3>

        <form action="" method="post">
                <input type="text" name="title" placeholder="Title of the post" required>
                <textarea cols="40" placeholder="Post Content" rows="8" name="post_content" required></textarea>
                <button type="submit" name="submit">Submit</button>
        </form>
</div>
</body>
</html>
```

Step 1: Create database connection:

```php
<?php
$host = "localhost";
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if(!$conn)
{
        die("Connection failed: " . mysqli_connect_error());
}
?>
```

Step 2: Write and run mysql fetch query

```php
<?php
$sql = "select * from posts";
$result = mysqli_query($conn,$sql);

?>
```

Step 3: Fetch Single row

```php
$singleRow = mysqli_fetch_row($result);
print_r($singleRow);
```

Step 3: Fetch Single row

```php
$singleRow = mysqli_fetch_row($result);
print_r($singleRow);
```

Step 4: Fetch all data from mysql

```php
while($row = mysqli_fetch_assoc($result))
{
        print_r($row);
}
```

Step 5: All together

```php
<?php
$host = "localhost";
$user = "root";
$pass = "";
$db = "demo";

$conn = mysqli_connect($host,$user,$pass, $db);
if(!$conn)
{
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}

$sql = "select * from posts";
$result = mysqli_query($conn,$sql);
```

//for single row

```php
$singleRow = mysqli_fetch_row($result);
```

```php
print_r($singleRow);

echo "<hr>";

//for all records

while($row = mysqli_fetch_assoc($result))
{
        print_r($row);
}


?>
```

Step 5: All together

```php
<?php
$host = "localhost";
$user = "root";
$pass = "";
$db = "demo";

$conn = mysqli_connect($host,$user,$pass, $db);
if(!$conn)
{
        die("Connection failed: " . mysqli_connect_error());
}

$sql = "select * from posts";
$result = mysqli_query($conn,$sql);

//for single row
$singleRow = mysqli_fetch_row($result);

print_r($singleRow);

echo "<hr>";

//for all records
while($row = mysqli_fetch_assoc($result))
{
        print_r($row);
}

?>
```

Step 1: Create Database

Step 2: Create Table

```
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