**EC2 Auto-launch code**

**-----------------------------**

#!/bin/bash

#install httpd (Linux 2 version)

yum update -y

amazon-linux-extras install -y php7.2

yum install -y mysql

yum install -y httpd

systemctl start httpd

systemctl enable httpd

usermod -a -G apache ec2-user

chown -R ec2-user:apache /var/www

chmod 2775 /var/www

find /var/www -type d -exec chmod 2775 {} \;

find /var/www -type f -exec chmod 0664 {} \;

cd /var/www/html

wget https://github.com/siva15581/PHP---EC2---RDS/blob/master/DBConn.php

-------------------------------------------------------------------------

**Web-page code – DBConn.php**

**------------------------------------------**

<html>

<body>

<form action="<?PHP echo $\_SERVER['SCRIPT\_NAME'] ?>" method="POST">

<table border="0">

<tr>

<td>NAME</td>

<td>ADDRESS</td>

</tr>

<tr>

<td>

<input type="text" name="NAME" maxlength="45" size="30" />

</td>

<td>

<input type="text" name="ADDRESS" maxlength="90" size="60" />

</td>

<td>

<input type="submit" value="Add Data" />

</td>

</tr>

</table>

<?php

define('DB\_SERVER', 'employee.cqjrmguzefqi.us-east-1.rds.amazonaws.com');

define('DB\_USERNAME', 'admin');

define('DB\_PASSWORD', 'admin123');

define('DB\_DATABASE', 'Employee');

$connection = mysqli\_connect(DB\_SERVER, DB\_USERNAME, DB\_PASSWORD);

if (mysqli\_connect\_errno()) echo "Failed to connect to MySQL: " . mysqli\_connect\_error();

$database = mysqli\_select\_db($connection, DB\_DATABASE);

$checktable = mysqli\_query($connection,

"select \* from information\_schema.tables where table\_name ='Employee' and table\_schema ='Employee'");

if(mysqli\_num\_rows($checktable) > 0){

$employee\_name = htmlentities($\_POST['NAME']);

$employee\_address = htmlentities($\_POST['ADDRESS']);

if ((strlen($employee\_name)>1) && (strlen($employee\_address)>1)) {

$query = "INSERT INTO Employee (NAME, ADDRESS) VALUES ('$employee\_name', '$employee\_address');";

if(!mysqli\_query($connection, $query)){

echo("Error adding employee data");

}

// echo "Data Inserted";

}

}

else

{

echo "Not responding";

}

?>

<!-- Display table data. -->

<br>

<table border="1" cellpadding="2" cellspacing="2">

<tr>

<td>ID</td>

<td>NAME</td>

<td>ADDRESS</td>

</tr>

<?php

$result = mysqli\_query($connection, "SELECT \* FROM Employee");

while($query\_data = mysqli\_fetch\_row($result)) {

echo "<tr>";

echo "<td>",$query\_data[0], "</td>",

"<td>",$query\_data[1], "</td>",

"<td>",$query\_data[2], "</td>";

echo "</tr>";

}

?>

</table>

</body>

</form>

-------------------------------------------------------------

**MySql - DB Code**

**----------------------**

1) show databases;

2) Create database Employee;

3) use Employee;

4) CREATE TABLE Employee (

Name varchar(255),

Address varchar(255)

);