**Practical 8**

**Aim:** Write code for PHP Web Services using SOAP as well as REST.

**Program:**

**Config database:**

?php

$conn=mysqli\_connect("localhost","root","","restdb");

?>

**GET METHOD:**

<?php

include\_once('config.php');

$UID=isset($\_GET["ID"]) ? mysqli\_real\_escape\_string($conn,$\_GET["ID"]) :"";

if(!empty($UID))

{

$qur=mysqli\_query($conn,"select Name,Email,Status from test where ID='$UID'");

$result=array();

while($r = mysqli\_fetch\_array($qur))

{

extract($r);

$result[]=array("Name" => $Name,"Email" => $Email,"Status" => $Status);

}

$json=array("Status"=>1,"info" => $result);

}

else{

$json=array("Status"=>0,"msg"=>"User ID not defined!");

}

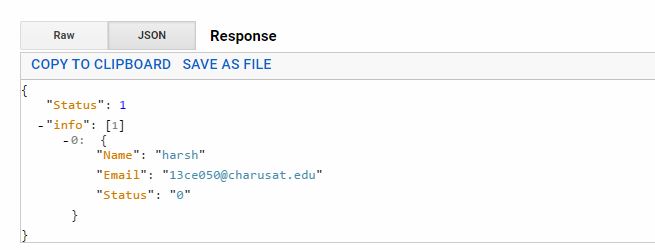
@mysqli\_close($conn);

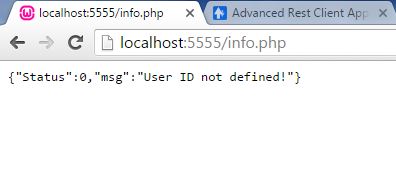
header('Content-type:application/json');

echo json\_encode($json);

?>

**OUTPUT:**





**POST METHOD:**

<?php

include\_once('config.php');

if($\_SERVER['REQUEST\_METHOD']=="POST"){

$Name=isset($\_POST["Name"]) ? mysqli\_real\_escape\_string($conn,$\_POST["Name"]) :"";

$Email=isset($\_POST["Email"]) ? mysqli\_real\_escape\_string($conn,$\_POST["Email"]) :"";

$Password=isset($\_POST["Password"]) ? mysqli\_real\_escape\_string($conn,$\_POST["Password"]) :"";

$Status=isset($\_POST["Status"]) ? mysqli\_real\_escape\_string($conn,$\_POST["Status"]) :"";

$sql="INSERT INTO test VALUES ('1','$Name','$Email','$Password','$Status')";

$qur=mysqli\_query($conn,$sql);

if($qur){

$json=array("Status"=>1,"msg"=>"Done user added!");

}else{

$json=array("Status"=>0,"msg"=>"Error adding user!");

}

}

else{

$json=array("Status"=>0,"msg"=>"Request method not accepted!");

}

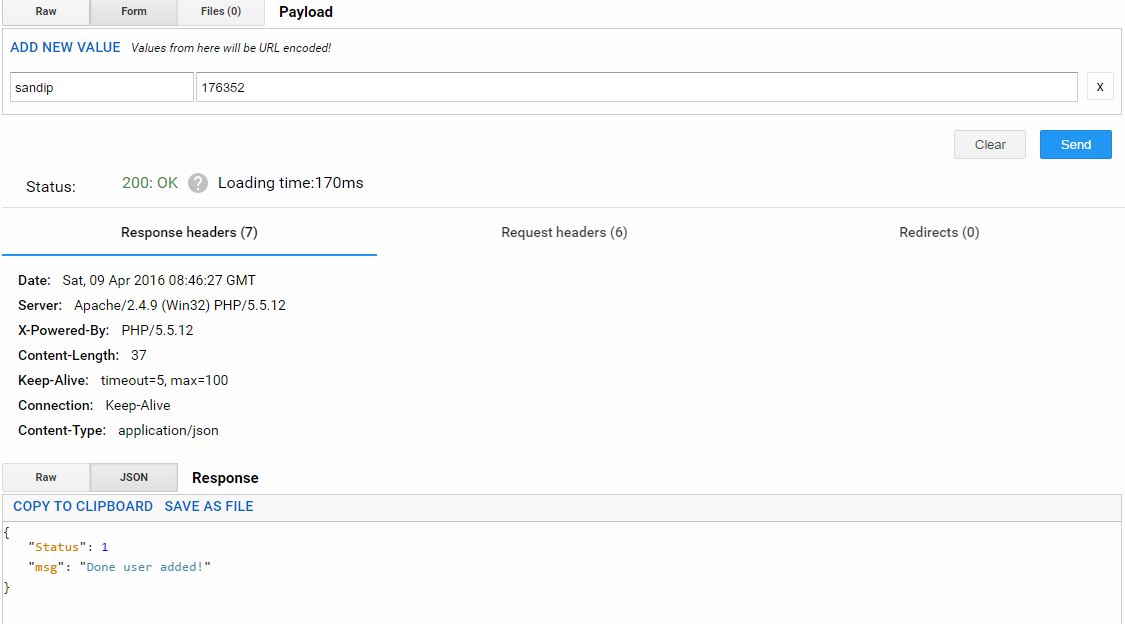
@mysqli\_close($conn);

header('Content-type:application/json');

echo json\_encode($json);

?>

**OUTPUT:**



**PUT METHOD:**

<?php

include\_once('config.php');

if($\_SERVER['REQUEST\_METHOD']=="PUT"){

$UID=isset($\_SERVER['HTTP\_ID']) ? mysqli\_real\_escape\_string($conn,$\_SERVER['HTTP\_ID']) :"";

$status=isset($\_SERVER['HTTP\_Status']) ? mysqli\_real\_escape\_string($conn,$\_SERVER['HTTP\_Status']) :"";

if(!empty($UID)){

$qur=mysqli\_query($conn,"UPDATE test set Status = '$status' where ID='$UID'");

if($qur){

$json=array("Status"=>1,"msg"=>"Status updated!");

}

else{

$json=array("Status"=>0,"msg"=>"Error updated status!");

}

}

else{

$json=array("Status"=>0,"msg"=>"User ID not defined!");

}

}

else{

$json=array("Status"=>0,"msg"=>"User ID not defined!");

}

@mysqli\_close($conn);

header('Content-type:application/json');

echo json\_encode($json);

?>

**OUTPUT:**



