Delete php:

```php
<?php
try{
    if($_SERVER['REQUEST_METHOD'] == 'POST'){

        // data base connection file added
        require_once "DBconfig.php";

        if(empty($_REQUEST['id'])){
            $response['status']=false;
            $response['message']="Please Enter id value!";
            die(json_encode($response));
        }
        $sql = "delete * from product where id=:id";

        $res = $pdo->prepare($sql);

        $res->bindParam(':id',$_REQUEST['id']);

        // execute statement
        $res->execute();

        if($res){
            $response['status'] = true;
            $response['result'] = "Data Updated!";
        }else{
            $response['status'] = false;
            $response['result'] = "Problem To Update Data!";
        }

        echo json_encode($response);

    }

}catch(PDOException $e){
    echo "Error:problem to excute SQL statement".$e->getMessage();
}

// close connection
unset($pdo);
?>
```

	Marwadi University
	Faculty of Technology
	Department of Information and Communication Technology
Subject: Introduction to Web Technology	**Tutorial 8**
Shashank Bagda	**Enrolment No: 92100133020**

Insert php:

```php
<?php
 try{
   if($_SERVER['REQUEST_METHOD'] == "POST"){

     // data base connection file added
     require_once "DBconfig.php";

     // code for data validation
     if(empty($_REQUEST['name'])){
        $response['status']=false;
        $response['message']="Please Enter Name of Product!";
        die(json_encode($response));
     }

     if(empty($_REQUEST['discription'])){
        $response['status']=false;
        $response['message']="Please Enter Discription of Product!";
        die(json_encode($response));
     }

             if(empty($_REQUEST['price'])){
        $response['status']=false;
        $response['message']="Please Enter Price of Product!";
        die(json_encode($response));
     }

     // create prepare statement
     $sql = "Insert into student (name,discription, price) values(:pname,:disc,:price)";
     $stmt = $pdo->prepare($sql);

     // bind parameter to statement
     $stmt->bindParam(':pname',$_REQUEST['name']);
     $stmt->bindParam(':disc',$_REQUEST['discription']);
             $stmt->bindParam(':price',$_REQUEST['price']);

     // Execute prepare statement
     $res = $stmt->execute();
```

```php
    if($res){
        $response['status'] = true;
        $response['result'] = "Data Inserted!";
    }else{
        $response['status'] = false;
        $response['result'] = "Problem To Save Data!";
    }

    echo json_encode($response);
  }
}catch(PDOException $e){
  echo "Error:problem to excute SQL statement".$e->getMessage();
}

// close connection
unset($pdo);
?>
```

Retrive php:

```php
<?php
  try{
    // data base connection file added
    require_once "DBconfig.php";

    // sql statement
    $sql = "select * from product order by id desc";

    // prepare statement
    $res = $pdo->prepare($sql);

    // execute statement
    $res->execute();

    $data = $res->fetchAll(PDO::FETCH_ASSOC);

    if(!empty($data)){
        $response['status'] = true;
```

```php
      $response['result'] = $data;
    }else{
      $response['status'] = false;
      $response['result'] = "No Data Available!";
    }

    echo json_encode($response);

  }catch(PDOException $e){

    echo "ERROR: unable to execuute sql statement".$e->getMessage();
  }

  // close connection
  unset($pdo);
?>
```

Update php:

```php
<?php
try{
  if($_SERVER['REQUEST_METHOD'] == 'POST'){

    // data base connection file added
    require_once "DBconfig.php";

    // code for data validation
    if(empty($_REQUEST['name'])){
      $response['status']=false;
      $response['message']="Please Enter Name!";
      die(json_encode($response));
    }

    if(empty($_REQUEST['discription'])){
      $response['status']=false;
      $response['message']="Please Enter Discription!";
      die(json_encode($response));
    }
            if(empty($_REQUEST['price'])){
```

	Marwadi University
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```php
      $response['status']=false;
      $response['message']="Please Enter Price!";
      die(json_encode($response));
   }
   if(empty($_REQUEST['id'])){
      $response['status']=false;
      $response['message']="Please Enter id value!";
      die(json_encode($response));
   }
   // sql statement
   $sql = "update student set name=:fname, discription=:disc, price=:pprice where id=:id";

   // prepare statement
   $res = $pdo->prepare($sql);

   // bind parameter to statement
   $res->bindParam(':fname',$_REQUEST['name']);
   $res->bindParam(':disc',$_REQUEST['discription']);
         $res->bindParam(':pprice',$_REQUEST['price']);
   $res->bindParam(':id',$_REQUEST['id']);

   // execute statement
   $res->execute();

   if($res){
      $response['status'] = true;
      $response['result'] = "Data Updated!";
   }else{
      $response['status'] = false;
      $response['result'] = "Problem To Update Data!";
   }

   echo json_encode($response);

   }

}catch(PDOException $e){
   echo "Error:problem to excute SQL statement".$e->getMessage();
}

// close connection
unset($pdo);
?>
```