1. **Create a table called “tblActor”. The tblActor should have the following fields (name,** **description, dob, country, image)**

Answer:

|  |
| --- |
| Paste the SQL commands you wrote to create the table: |
| CREATE TABLE `Bhargavi`.`tblActors` ( `name` varchar(25) NOT NULL ,`description` varchar(250) NOT NULL , `DOB` varchar(30) NOT NULL , `country` varchar(25) NOT NULL ,`image` varchar(35) NOT NULL , PRIMARY KEY (`name`(25))) ENGINE = InnoDB; |
| Paste a screen shot shows the created table in MyPHPAdmin: |
| C:\Users\sainadhreddy\AppData\Local\Microsoft\Windows\INetCache\Content.Word\bhargavi11.png |

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1. **Populate the table “tblActor” with information about your favorite four actors.**

Answer:

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| Paste a screen shot shows the data you added to the “tblActor”: |
| C:\Users\sainadhreddy\AppData\Local\Microsoft\Windows\INetCache\Content.Word\bhargavi12.png |

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1. **Write a PHP code that read the data from the “tblActor” table, and generate a JSON response similar to the following format. Name the PHP file “ViewAllActors.php”.**

{"actors":[{"name":"Brad Pitt","description":"Brad Pitt is an American actor and film producer. He has received a Golden Globe Award, a Screen Actors Guild Award, and three Academy Award nominations in acting categories","dob":"December 18, 1963","country":"United States","image":" http:\\\tors.com\\brad.jpg"},{"name":"Tom Cruise","description":"Tom Cruise, is an American film actor and producer. He has been nominated for three Academy Awards and has won three Golden Globe Awards.","dob":"July 3, 1962","country":"United States","image":"http:\\Actors.com\\tom.jpg"},{"name":"Angelina Jolie","description":"Angelina Jolie is an American actress, film director, screenwriter, and author. She has received an Academy Award, two Screen Actors Guild Awards, and three Golden Globe Awards.","dob":"December 18, 1963","country":"United States","image":" http:\\Actors.com\\angelina.jpg"}]}

Note: You can use the <https://jsonformatter.curiousconcept.com/> website to validate the above JSON response.

Answer:

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| --- |
| Paste the PHP code you wrote inside the “**ViewAllActors.php”** to read the data from the “tblActor” table and to generate the above JSON response |
| <?php  header('Content-Type: application/json');  $Actor\_List=array();  $Actor\_Array=array();  //Create the connection  $file = fopen("actors.txt","w");  $con=mysqli\_connect("localhost","root","","vybhav\_cinema");  // Check connection  if (mysqli\_connect\_errno())  {  echo "Failed to connect to MySQL: " . mysqli\_connect\_error();  }      // SQL query  $strSQL = "select \*from tblactors";  // Execute the query (the recordset $rs contains the result)  $rs = mysqli\_query($con,$strSQL);  $i=0;  echo "";  while($row = mysqli\_fetch\_array($rs)) {  // Write the value of the record (which is now in the array $row)  $Actor\_Array['name'] = $row['name'];  $Actor\_Array['description'] = $row['description'];  $Actor\_Array['dob'] = $row['DOB'];  $Actor\_Array['country'] = $row['country'];  $Actor\_Array['image'] = $row['image'];  array\_push($Actor\_List,$Actor\_Array);  }  echo "{\"Actors\":".json\_encode($Actor\_List)."}";  fwrite($file,"{\"Actors\":".json\_encode($Actor\_List)."}");  fclose($file);  // Close the connection  mysqli\_close($con);  ?> |
| Paste a screen shot shows the browser after calling the “ViewAllActors” web service. The link to your “ViewAllActors” web service should be “http://localhost:8080/ ViewAllActors.php” or http://localhost/ ViewAllActors.php |
| C:\Users\sainadhreddy\AppData\Local\Microsoft\Windows\INetCache\Content.Word\bhargavi123.png |

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

1. **Create a table called “tblTempActor”. The tblTempActor should have the following fields (name,** **description, dob, country, image)**

Answer:

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| --- |
| Paste the SQL commands you wrote to create the table: |
| CREATE TABLE `Bhargavi`.`tblTempActor` ( `name` varchar(25) NOT NULL ,`description` varchar(250) NOT NULL , `DOB` varchar(30) NOT NULL , `country` varchar(25) NOT NULL ,`image` varchar(35) NOT NULL , PRIMARY KEY (`name`(25))) ENGINE = InnoDB; |
| Paste a screen shot shows the created table in MyPHPAdmin: |
| C:\Users\sainadhreddy\AppData\Local\Microsoft\Windows\INetCache\Content.Word\bhargavi23.png |

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1. **Write a PHP code called “ParseJSONToDB.php”. The “ParseJSONToDB.php” should call**

**the “ViewAllActors.php” web service. Then it should parse the JSON response that will get from “ViewAllActors.php”, in addition, The “ParseJSONToDB.php” should also save the JSON parsed data into the “tblTempActor” table.**

Answer:

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| --- |
| Paste the PHP code you wrote inside the “**ParseJSONToDB.php”.** |
| <?php  $content=file\_get\_contents("actors.txt");  $con=mysqli\_connect("localhost","root","","Vybhav\_cinema");  // Check connection  if (mysqli\_connect\_errno())  {  echo "Failed to connect to MySQL: " . mysqli\_connect\_error();  }  $strSQL ="";  $actors = json\_decode($content);  // access property of object in array  for($i=0;$i<3;$i++)  {  //echo $actors[$i]->name ."<br>" ; // JavaScript: The Definitive Guide  $strSQL ="insert into tblTempActors values('" . $actors[$i]->name . "','" . $actors[$i]->description . "','" . $actors[$i]->dob ."','". $actors[$i]->country ."','". $actors[$i]->image."')";  echo $strSQL."<br>";  $con->query($strSQL);  }  ?> |
| Paste a screen shot shows the “**tblTempActor**” table after calling the “**ParseJSONToDB.php**” |
| C:\Users\sainadhreddy\AppData\Local\Microsoft\Windows\INetCache\Content.Word\bhargavi34.png |