Course Code: SODV1201
Semester / Year: Winter 2018
Assignment Code: GP1
Group Name: BigByte
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Description: SQL Scripts

```
$sqlArtists = "SELECT * FROM art.Artists ORDER BY LastName ASC";

$sqlEras = "SELECT * FROM art.Eras ORDER BY art.Eras.EraID ASC";

$sqlGenres = "SELECT * FROM art.Genres";

$sqlSubjects = "SELECT * FROM art.Subjects";

$sqlErasFilter = "SELECT art.Genres.*
FROM art.Eras
JOIN art.Genres
ON art.Eras.EraID = art.Genres.EraID
WHERE art.Eras.EraID = :requestedEra
ORDER BY art.Genres.GenreName";

$sqlJoinPaintingAndArtists =
"SELECT art.Artists.ArtistID, art.Artists.FirstName, art.Artists.LastName
FROM art.Paintings
JOIN art.Artists
ON art.Paintings.ArtistID = art.Artists.ArtistID
WHERE PaintingID = :requestedPaintingID";

$sqlJoinGenreAndEra =
"SELECT art.Eras.*
FROM art.Eras
JOIN art.Genres
ON art.Genres.EraID = art.Eras.EraID
WHERE GenreID = :requestedGenre";

$sqlJoinPaintingAndGalleries =
"SELECT art.Galleries.*
FROM art.Galleries
JOIN art.Paintings
ON art.Paintings.GalleryID = art.Galleries.GalleryID
WHERE PaintingID = :requestedPainting";
```

```
$sqlJoinPaintingAndGenres =
"SELECT art.Genres.*
FROM art.Paintings
JOIN art.PaintingGenres
ON art.Paintings.PaintingID = art.PaintingGenres.PaintingID
JOIN art.Genres
ON art.PaintingGenres.GenreID = art.Genres.GenreID
WHERE Paintings.PaintingID = :requestedWorkOfArt";

$sqlRandomThumb =
"SELECT art.Paintings.*
FROM art.Paintings
JOIN art.PaintingGenres
ON art.Paintings.PaintingID = art.PaintingGenres.PaintingID
JOIN art.Genres
ON art.PaintingGenres.GenreID = art.Genres.GenreID
WHERE art.Genres.GenreID = :requestedGenre
ORDER BY RAND() LIMIT 4";


$sqlRandomPainting = "SELECT * FROM art.Paintings ORDER BY RAND() LIMIT 3";

$sqlJoinPaintingAndSubject =
"SELECT art.Subjects.*
FROM art.Paintings
JOIN art.PaintingSubjects
ON art.Paintings.PaintingID = art.PaintingSubjects.PaintingID
JOIN art.Subjects
ON art.PaintingSubjects.SubjectID = art.Subjects.SubjectID
WHERE Paintings.PaintingID = :requestedPainting";

$sqlArtistDetails = "SELECT * FROM art.Artists WHERE ArtistID = :requestedArtistID";

$sqlArtistPaintings = "SELECT * FROM art.Paintings WHERE ArtistID =
:requestedArtistID";

$sqlGenreDetails = "SELECT * FROM art.Genres WHERE GenreID = :requestedGenreID";

$sqlPaintingDetails = "SELECT * FROM art.Paintings WHERE PaintingID =
:requestedPaintingID";

$loginSql="SELECT * FROM art.CustomerLogon WHERE UserName = :userName AND Pass =
:userPass";

$sql1 = "INSERT INTO art.Customers(CustomerID, FirstName, LastName, `Address`, City,
Region, Country, Postal, Phone, Email, Privacy) VALUES
(:customerID,:firstName,:lastName,NULL,NULL,NULL,NULL,NULL,:phone,:email,:privacy)";
```

```php
$sql3 = "INSERT INTO art.CustomerLogon(UserName, Pass, Salt, `State`, DateJoined,
DateLastModified) VALUES (:email,:pass,NULL,NULL,NULL,NULL)";

$sqlRandomThumb = "SELECT * FROM art.Paintings ORDER BY RAND() LIMIT 3";

$sql = "UPDATE art.Customers AS c JOIN art.CustomerLogon
            ON c.CustomerID = art.CustomerLogon.CustomerID
            SET c.FirstName = :FirstName,
                c.LastName = :LastName,
                c.Address = :AddressCust,
                c.City = :City,
                c.Country = :Country,
                c.Region= :Region,
                c.Postal = :Postal,
                c.Phone = :Phone
            WHERE CustomerLogon.UserName = :userEmail";

$sql = "INSERT INTO art.Customers(CustomerID, FirstName, LastName, `Address`, City,
Region, Country, Postal, Phone, Email, Privacy) VALUES
(:customerID,:firstName,:lastName,NULL,NULL,NULL,NULL,NULL,:phone,:email,:privacy)";
```