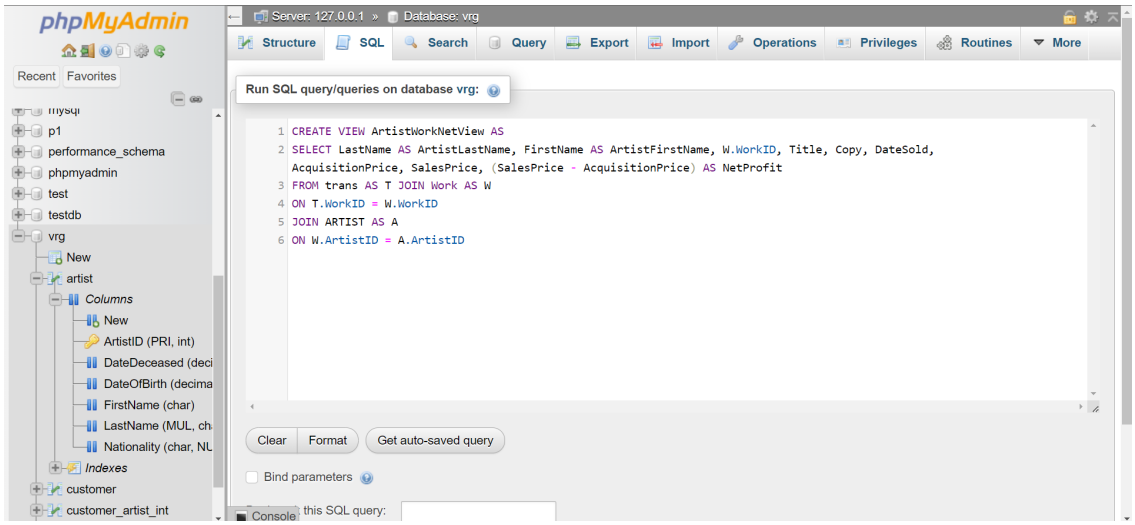
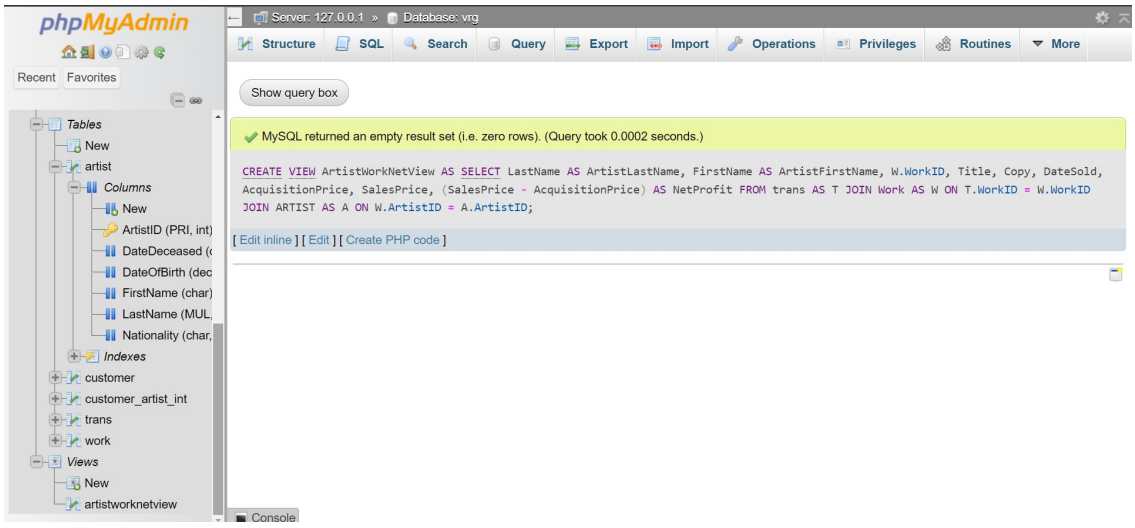
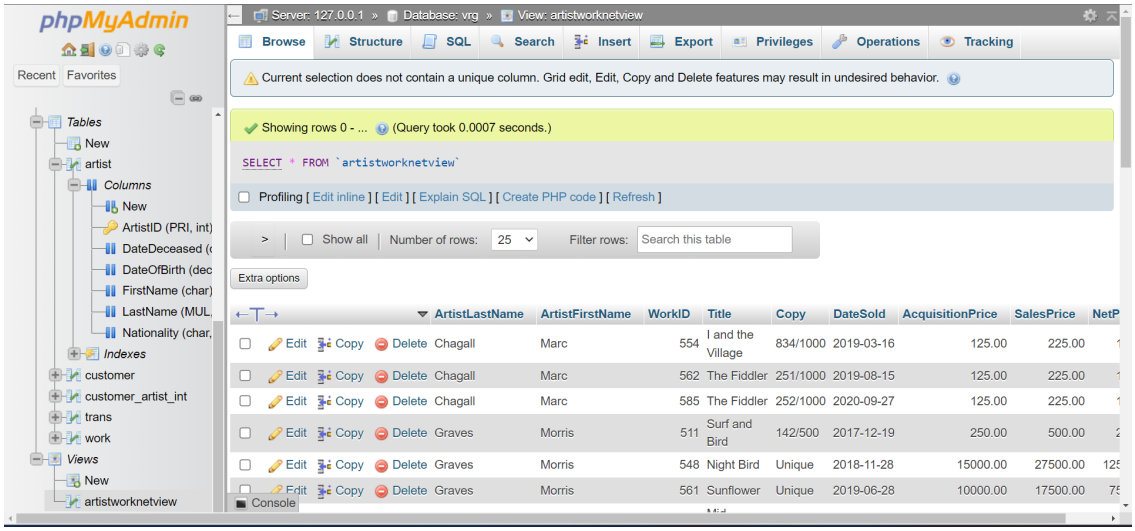
CS 5200 P4

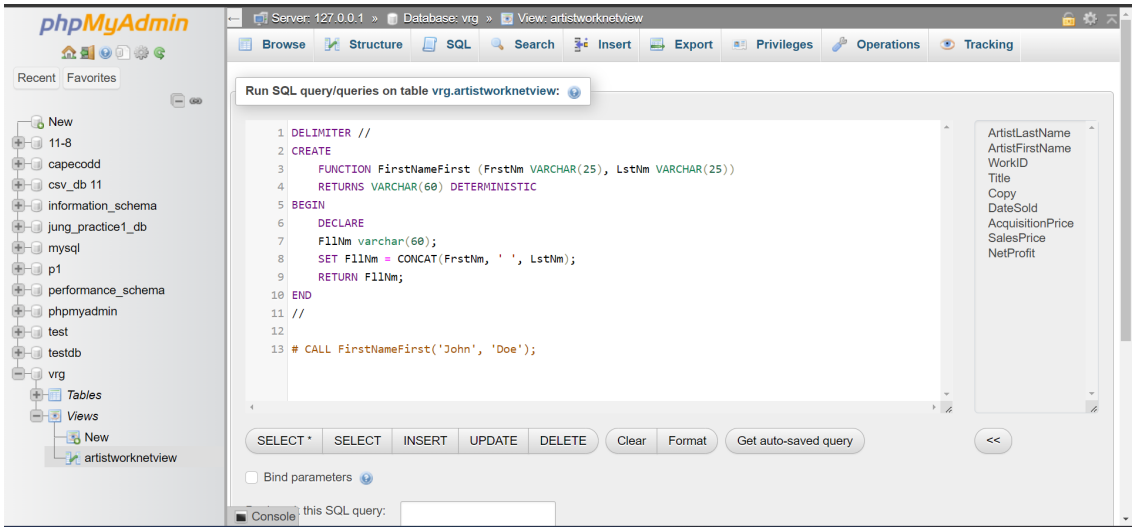
1. [10pt] Create the **ArtistWorkNetView** view and submit 1) [5pt] a screenshot of **SQL** creating the view, and 2) [5pt] a screenshot of the **test result**.

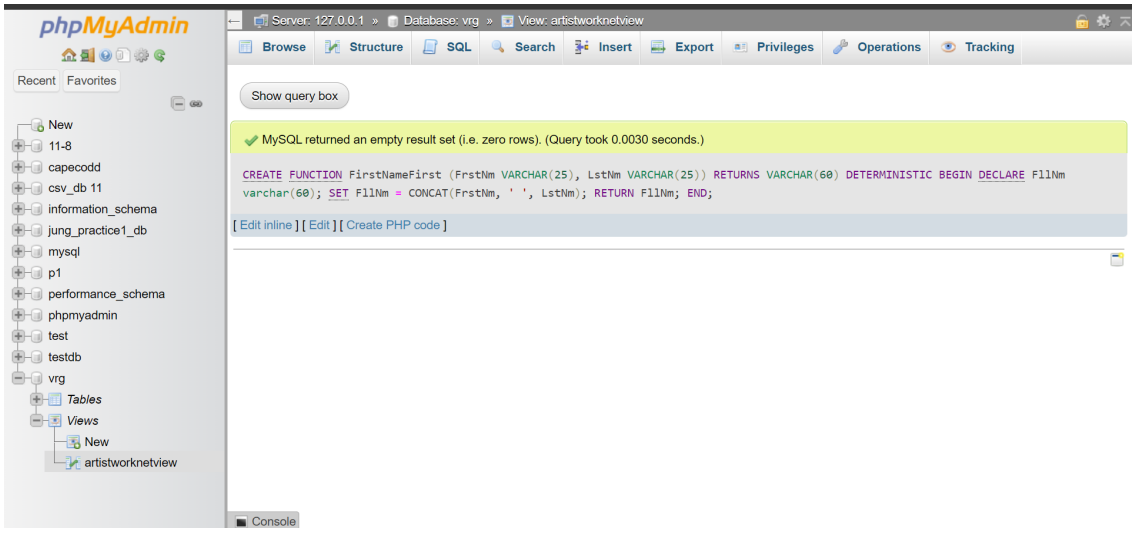


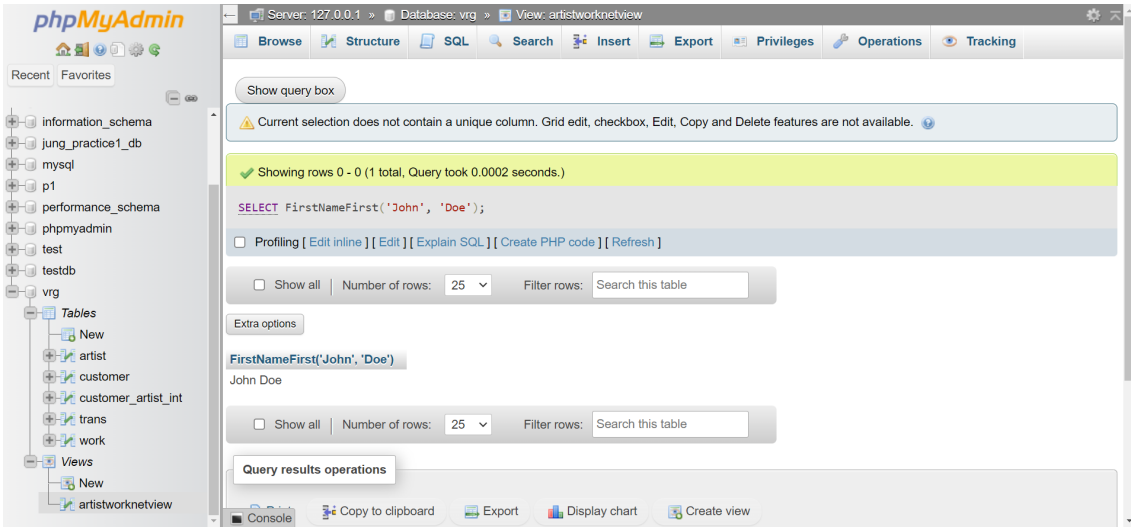




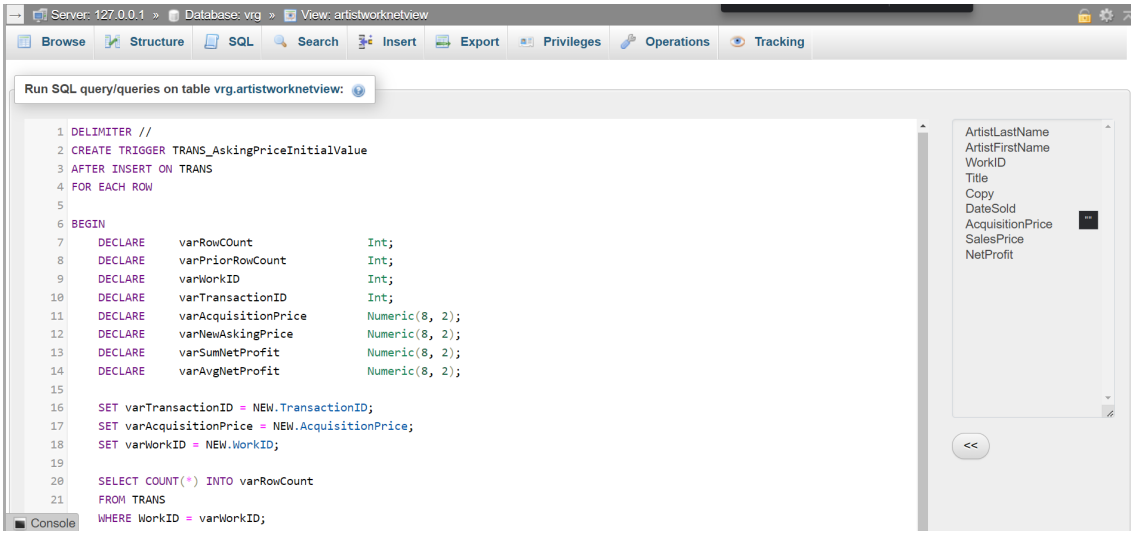
2. [10pt] Create the **FirstNameFirst** function and submit 1) [5pt] a screenshot of **SQL** creating the view, and 2) [5pt] a screenshot of the **test result**.

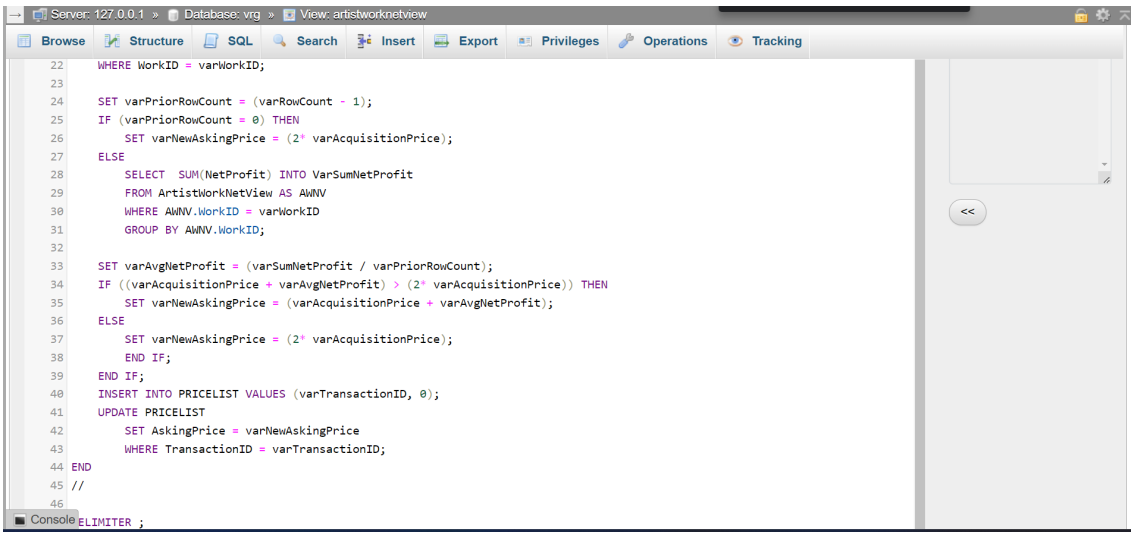






3. [10pt] Create the **TRANS_AfterInsertSetAskingPrice** trigger and submit 1) [5pt] a screenshot of **SQL** creating the view, and 2) [5pt] a screenshot of the **test result**.



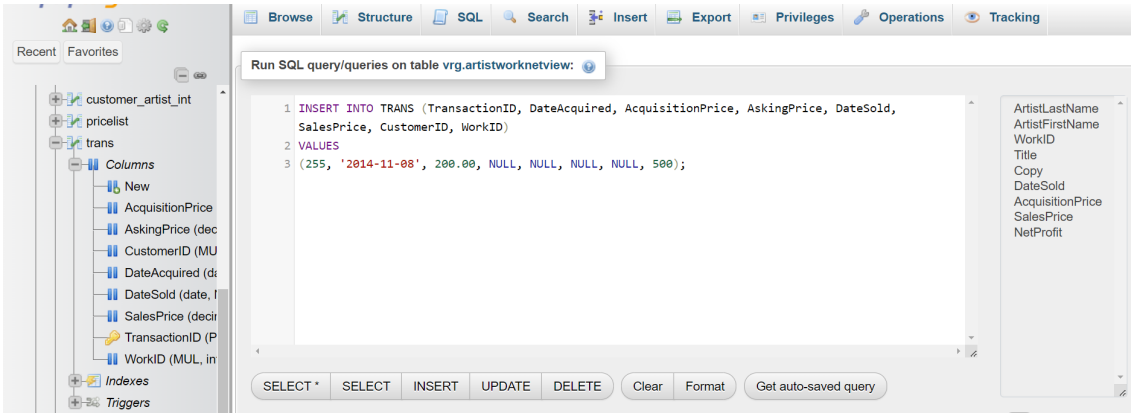


Hide query box

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0111 seconds.)

```
CREATE TRIGGER TRANS_AskingPriceInitialValue AFTER INSERT ON TRANS FOR EACH ROW BEGIN DECLARE varRowCOunt Int; DECLARE varPriorRowCount Int; DECLARE varWorkID
Int; DECLARE varTransactionID Int; DECLARE varAcquisitionPrice Numeric(8, 2); DECLARE varNewAskingPrice Numeric(8, 2); DECLARE varSumNetProfit Numeric(8, 2);
DECLARE varAvgNetProfit Numeric(8, 2); SET varTransactionID = NEW.TransactionID; SET varAcquisitionPrice = NEW.AcquisitionPrice; SET varWorkID = NEW.WorkID;
SELECT COUNT(*) INTO varRowCount FROM TRANS WHERE WorkID = varWorkID; SET varPriorRowCount = (varRowCount - 1); IF (varPriorRowCount = 0) THEN SET
varNewAskingPrice = (2* varAcquisitionPrice); ELSE SELECT SUM(NetProfit) INTO VarSumNetProfit FROM ArtistWorkNetView AS AWNV WHERE AWNV.WorkID = varWorkID GROUP
BY AWNV.WorkID; SET varAvgNetProf[...]
```

[Edit]



Hide query box

1 row inserted. (Query took 0.0004 seconds.)

```
INSERT INTO TRANS (TransactionID, DateAcquired, AcquisitionPrice, AskingPrice, DateSold, SalesPrice, CustomerID, WorkID) VALUES
(255, '2014-11-08', 200.00, NULL, NULL, NULL, NULL, 500);
```

[Edit inline] [Edit] [Create PHP code]

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Tracking | Triggers

```
SELECT * FROM `trans`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

<< < 2 | Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

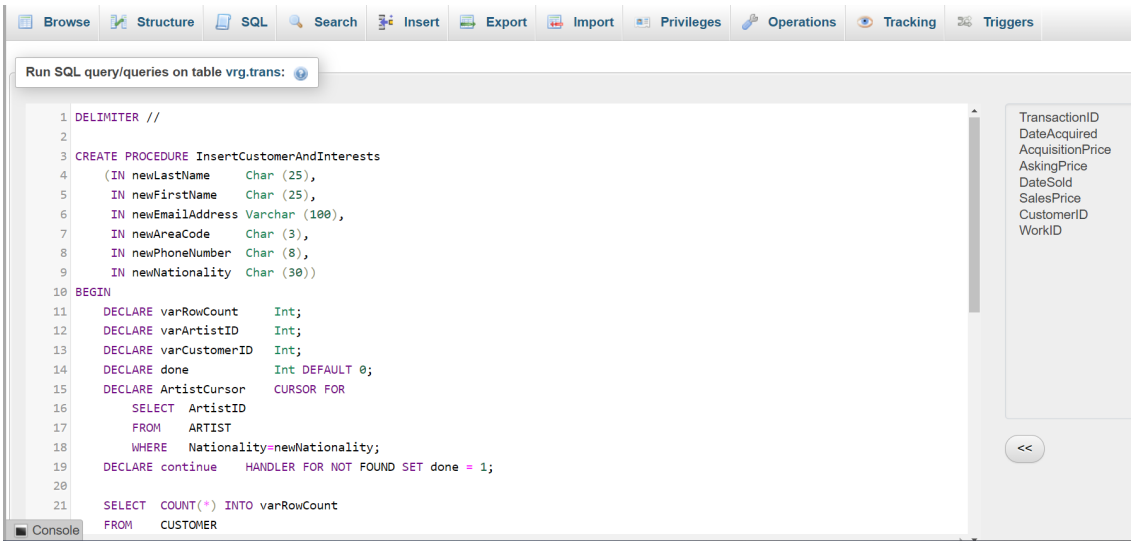
	TransactionID	DateAcquired	AcquisitionPrice	AskingPrice	DateSold	SalesPrice	CustomerID	WorkID
Edit Copy Delete	225	2020-06-08	125.00	250.00	2020-09-27	225.00	1051	585
Edit Copy Delete	226	2020-06-08	200.00	400.00	NULL	NULL	NULL	586
Edit Copy Delete	227	2020-06-08	250.00	500.00	2020-09-27	475.00	1051	587
Edit Copy Delete	228	2020-06-08	250.00	500.00	NULL	NULL	NULL	588
Edit Copy Delete	229	2020-06-08	250.00	500.00	NULL	NULL	NULL	589
Edit Copy Delete	241	2020-08-29	2500.00	5000.00	2020-09-27	4750.00	1015	590
Edit Copy Delete	251	2020-10-25	25000.00	50000.00	NULL	NULL	NULL	593
Edit Copy Delete	252	2020-10-27	250.00	500.00	NULL	NULL	NULL	594
Edit Copy Delete	253	2020-10-27	250.00	500.00	NULL	NULL	NULL	595
Edit Copy Delete	254	2020-10-27	250.00	500.00	NULL	NULL	NULL	596
Edit Copy Delete	255	2014-11-08	200.00	NULL	NULL	NULL	NULL	500

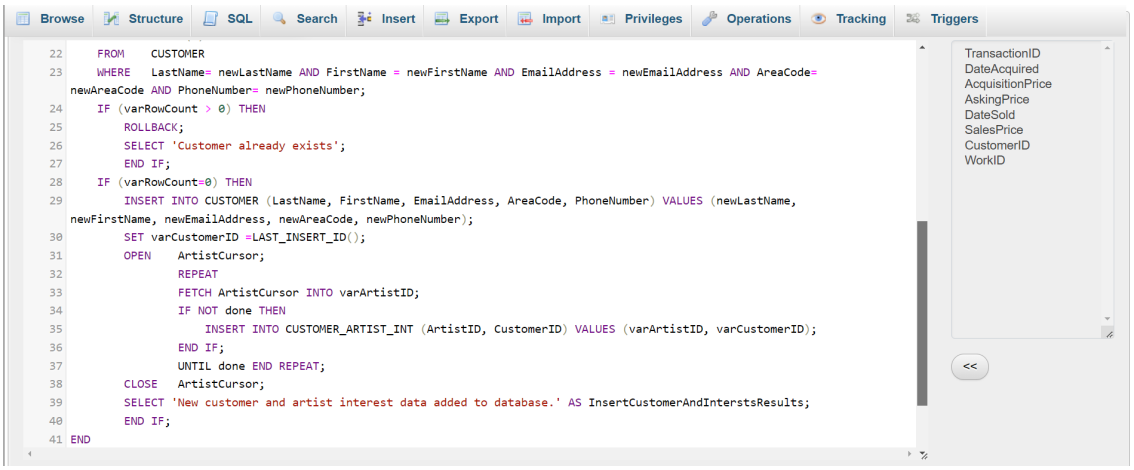
Triggers

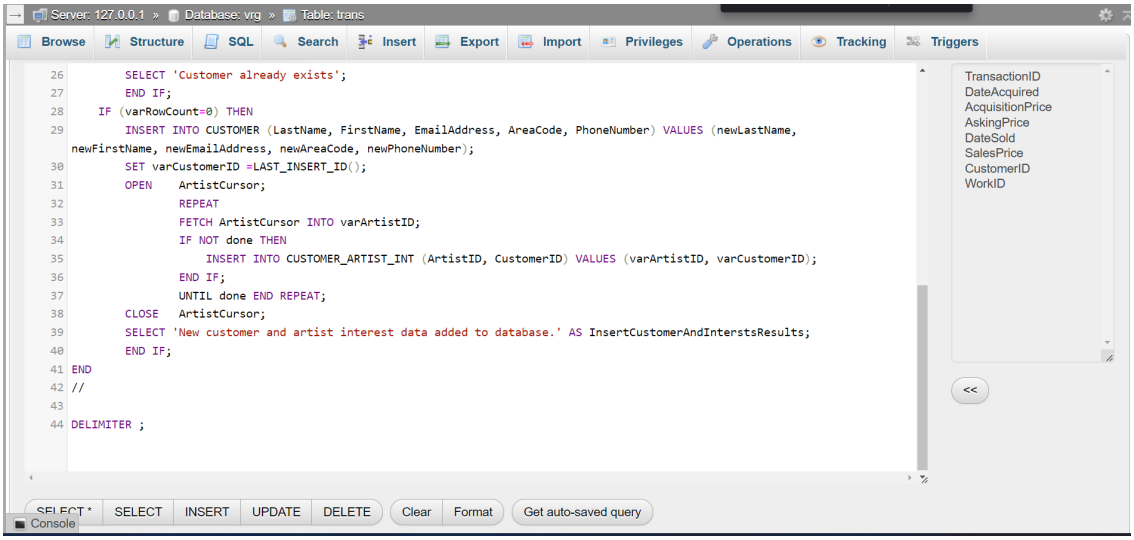
Check all | Export | Drop

	Name	Time	Event			
	TRANS_AskingPriceInitialValue	AFTER	INSERT	Edit	Export	Drop

4. [10pt] Create the **InsertCustomerAndInterests** procedure and submit 1) [5pt] a screenshot of **SQL** creating the view, and 2) [5pt] a screenshot of the **test result.**







Show query box

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 0 (1 total, Query took 0.0028 seconds.)

```
CALL InsertCustomerAndInterests('Captain', 'Empire', 'aaa@test.com', '500', '1000-250', 'The Empire');
```

[Edit inline] [Edit] [Create PHP code]

Show all | Number of rows: 25 Filter rows: Search this table

Extra options

InsertCustomerAndInterstsResults

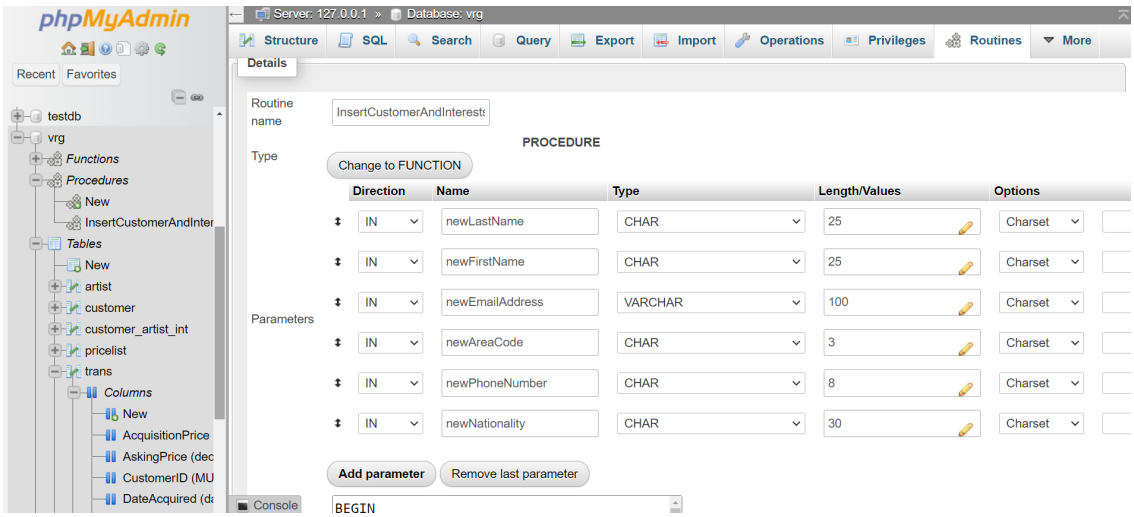
New customer and artist interest data added to dat...

Show all | Number of rows: 25 Filter rows: Search this table

Query results operations

Showing rows 0 - 10 (11 total, Query took 0.0002 seconds.)

```
SELECT * FROM `customer`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

	CustomerID	LastName	FirstName	EmailAddress	EncryptedPassword	Street	City	State	ZIPorPostalCode
Edit Copy Delete	1001	Smith	David	David.Smith@somewhere.com	ttr67i23	Tumbleweed Lane	Loveland	CO	81201
Edit Copy Delete	1015	Twilight	Tiffany	Tiffany.Twilight@somewhere.com	gr44t5uz	88 1st Avenue	Langley	WA	98260
Edit Copy Delete	1033	Smathers	Fred	Fred.Smathers@somewhere.com	mnF3D00Q	10899 88th Ave	Bainbridge Island	WA	98110
Edit Copy Delete	1034	Frederickson	Mary Beth	MaryBeth.Frederickson@somewhere.com	Nd5qr4Tv	25 South Lafayette	Denver	CO	80201
Edit Copy Delete	1036	Warning	Selma	Selma.Warning@somewhere.com	CAe3Gh98	205 Burnaby	Vancouver	BC	V6Z 1W2
Edit Copy Delete	1037	Wu	Susan	Susan.Wu@somewhere.com	Ues3thQ2	105 Locust Ave	Atlanta	GA	30322
Edit Copy Delete	1040	Gray	Donald	Donald.Gray@somewhere.com	*NULL*	55 Bodega Ave	Bodega Bay	CA	94923
Edit Copy Delete	1041	Johnson	Lynda	*NULL*	*NULL*	117 C Street	Washington	DC	20003
Edit Copy Delete	1051	Wilkens	Chris	Chris.Wilkens@somewhere.com	45QZjx59	87 Highland Drive	Olympia	WA	98508
Edit Copy Delete	1052	Captain	Empire	aaa@test.com	*NULL*	*NULL*	*NULL*	*NULL*	*NULL*