

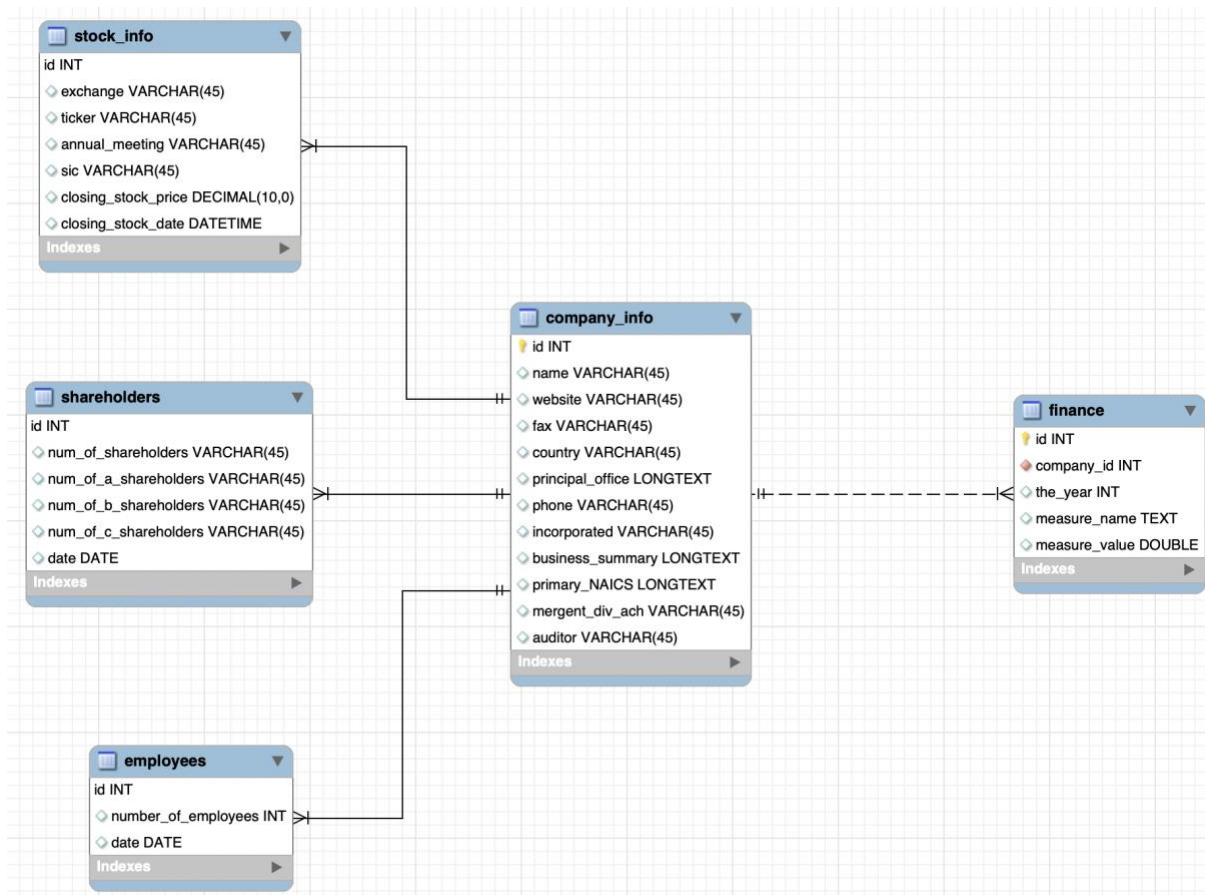
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Professor Garvey
MISM 6210
3/14/21

Assignment: 2

Question1: Refer to, “Question 1.sql” file

Question 2:

ERM Diagram



Question 3:**Code:**

```

use Homework_pt2;
SELECT t1.measure_name as metric_name, t1.the_year as year, avg(t1.measure_value) as
metric_value
FROM finance as t1
GROUP BY t1.measure_name, t1.the_year;

```

1	•	use Homework_pt2;
2	•	SELECT t1.measure_name as metric_name, t1.the_year as year, avg(t1.measure_value) as metric_value
3		FROM finance as t1
4		GROUP BY t1.measure_name, t1.the_year;
5		
6		
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Result Grid			Filter Rows: <input type="text" value="Search"/> Export:
metric_name	year	metric_value	
Income_from_continuing_operations_before_in...	2011	12.326	
Net_income	2011	11.57725	
Net_income_loss_per_common_stock_clas...	2011	14.88	
Revenues	2011	59.0972	
Selling_general_administrative_expenses	2011	9.23925	
Weighted_average_class_A_shares_outstandin...	2011	0.654	
Weighted_average_shares_outstanding_class...	2011	0.646	
Cost_of_goods_sold	2010	25.685499999999998	
Income_from_continuing_operations	2010	10.381	
Income_from_continuing_operations_before_in...	2010	10.796	
Net_income	2010	8.48	
Net_income_loss_per_common_stock_clas...	2010	13.155	
Revenues	2010	44.4434	
Selling_general_administrative_expenses	2010	7.060499999999999	
Weighted_average_class_A_shares_outstandin...	2010	0.647	
Weighted_average_shares_outstanding_class...	2010	0.637	
Cost_of_goods_sold	2009	20.163500000000003	
Income_from_continuing_operations	2009	8.312	

Question 4:**Code:**

```

use Homework_pt2;
SELECT t1.measure_name as metric_name, t1.the_year as year, avg(t1.measure_value) as
metric_value
FROM finance as t1
WHERE t1.measure_name = 'Cost_of_goods_sold' OR t1.measure_name =
'Operating_income_loss_'
GROUP BY t1.measure_name, t1.the_year;

```

1	•	use Homework_pt2;
2	•	SELECT t1.measure_name as metric_name, t1.the_year as year, avg(t1.measure_value) as metric_value
3		FROM finance as t1
4		WHERE t1.measure_name = 'Cost_of_goods_sold' OR t1.measure_name = 'Operating_income__loss_'
5		GROUP BY t1.measure_name, t1.the_year;
6		
7		
8		

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Result Grid Filter Rows: Export:

metric_name	year	metric_value	
Cost_of_goods_sold	2011	38.41	
Cost_of_goods_sold	2010	25.685499999999998	
Cost_of_goods_sold	2009	20.1635000000000003	
Cost_of_goods_sold	2008	20.144333333333332	
Cost_of_goods_sold	2007	15.562999999999999	
Cost_of_goods_sold	2005	6.23	
Cost_of_goods_sold	2012	62.9795	
Operating_income_loss_	2012	22.130333333333336	
Operating_income_loss_	2011	13.574749999999998	
Operating_income_loss_	2010	9.440999999999999	
Operating_income_loss_	2009	5.580666666666667	
Operating_income_loss_	2008	6.1525	
Operating_income_loss_	2007	5.15175	
Cost_of_goods_sold	2006	18.4195	
Operating_income_loss_	2006	3.9282500000000002	
Operating_income_loss_	2005	2.67	
Operating_income_loss_	2004	2.908	
Operating_income_loss_	2003	1.954	

Question 5 & 6

