



# DATABASE APPLICATIONS (240)

## REGIONAL – 2016

**Production:**

Job 1: Employee Table	_____	(200 points)
Job 2: Management Table	_____	( 90 points)
Job 3: Create a Permanent Relationship	_____	( 25 points)
Job 4: Performance Review Query	_____	( 50 points)
Job 5: Performance Review Report	_____	( 35 points)
<i>TOTAL POINTS</i>	_____	<i>(400 points)</i>

**Judge/Graders: Please double check and verify all scores and answer keys!**



**DATABASE APPLICATIONS - REGIONAL 2016**  
**ANSWER KEY**  
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<i>Unless indicated otherwise, contestant receives all points or none.</i>	<b>Points Possible</b>	<b>Points Earned</b>
<b>Job 1 – Employee Table (200 points maximum)</b>		
Designed as instructed (10 points off per field for inaccurate field names, inappropriate data types, and properties not set as instructed)	<b>80</b>	
Proofreading/data entry (100 – 0 errors; 90 – 1 error; 70 – 2 errors; 0 – 3+ errors)	<b>100</b>	
Sorted by “Last Name” (ascending)	<b>10</b>	
Printed using best fit in landscape orientation (all data shows, 1 page)	<b>10</b>	
<b>Job 2 – Management Table (90 points maximum)</b>		
Designed as instructed (10 points off per field for inaccurate field names, inappropriate data types, and properties not set as instructed)	<b>20</b>	
Proofreading/data entry (1 point off for each error) (50 – 0 errors; 45 – 1 error; 35 – 2 errors; 0 – 3+ errors)	<b>50</b>	
Sorted by ‘Department’ in ascending order	<b>10</b>	
Printed in portrait orientation, 1 page, all fields fully visible	<b>10</b>	
<b>Job 3 – Create a Permanent Relationship (25 points maximum)</b>		
One-to-Many relationship created	<b>10</b>	
Referential integrity enforced	<b>10</b>	
Printed with both tables fully visible	<b>5</b>	
<b>Job 4 – Performance Review Query (50 points maximum)</b>		
Correct fields are visible: Emp Id, First Name, Last Name, Department, Manager (5 points off for each missing field)	<b>25</b>	
Sorted by “Department” (ascending) and then by Employee Last Name (ascending)	<b>10</b>	
Results show design correctly joins both tables (no extra records)	<b>10</b>	
Printed in landscape orientation, 1 page, all fields fully visible	<b>5</b>	
<b>Job 5 – Performance Review Report (35 points maximum)</b>		
Title is PerformanceReview-XX-XXXX-XXXX	<b>5</b>	
Correct fields are included in the Report: all fields in the query except Emp ID	<b>10</b>	
Sorted by Employee’s “Last Name”	<b>10</b>	
Printed in portrait orientation, 1 page, all fields fully visible	<b>10</b>	
<b>Total Points Earned</b>	<b>400</b>	



## Job 1: Employee Table

Print: Sorted by Last Name, Ascending order; landscape, all data visible on one page

Employees-XX-XXXX-XXXX

Emp ID	First Name	Last Name	Address	City	State	Zip	Department
542	Zane	Brown	66 Walnut Avenue	Marble Cliff	OH	43212	Marketing
418	Siena	Garcia	486 River Road	Dublin	OH	43017	Human Resources
218	Hudson	Lewis	1209 Franklin Street	Etna	OH	43046	Information Technology
312	Ash	Martin	65 Park Avenue	Hiliard	OH	43206	Administrative Support
145	Finn	Martinez	47 Court Street	Pataskala	OH	43062	Financial Services
103	Booker	Smith	134 Church Street	Columbus	OH	43231	Financial Services
415	Delaney	Thompson	1256 Broad Street	Worthington	OH	43085	Human Resources
342	Anna	Walker	8467 Highlan Avenue	Orange	OH	43035	Administrative Support
215	Lola	Williams	74 Elm Street	Bexley	OH	43209	Information Technology
518	Sadie	Wright	37 Cedar Street	Bexley	OH	43209	Marketing

## Job 2: Department Table

Printed: Sorted by Department (ascending order); portrait orientation, all data visible on one page:

Management->X->XXXX->XXXX

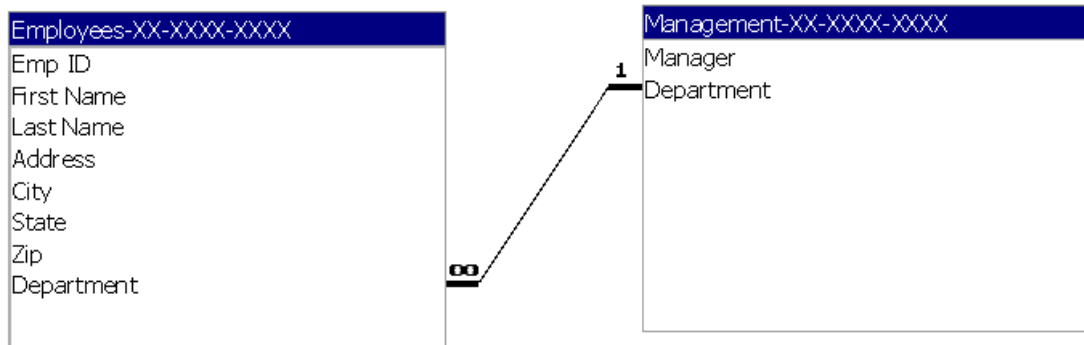
Manager	Department
Edna Renick	Administrative Support
Harvey Rosen	Financial Services
Julie Smith	Human Resources
Tom Carlson	Information Technology
Robert Meyer	Marketing

Notes: Manager and Department fields should match.



### Job 3: Create a Permanent Relationship

Relationships for Regional-XX-XXXX-XXXX  
Tuesday, December 30, 2014



Note: All fields from both tables should be visible.

### Job 4: Performance Review Query

Printed in landscape orientation, all data visible.

PerformanceReview-XX-XXXX-XXXX Query

Emp ID	First Name	Last Name	Manager	Department
312	Ash	Martin	Edna Renick	Administrative Support
342	Anna	Walker	Edna Renick	Administrative Support
145	Finn	Martinez	Harvey Rosen	Financial Services
103	Booker	Smith	Harvey Rosen	Financial Services
418	Siena	Garcia	Julie Smith	Human Resources
415	Delaney	Thompson	Julie Smith	Human Resources
218	Hudson	Lewis	Tom Carlson	Information Technology
215	Lola	Williams	Tom Carlson	Information Technology
542	Zane	Brown	Robert Meyer	Marketing
518	Sadie	Wright	Robert Meyer	Marketing

Note: Must match this order of records (Department ascending then Last Name ascending)



## Job 5: Performance Review Report

Performance Review 20-0021-0001

### Performance Review 20-0021-0001

Manager	Department	Last Name	First Name
Edna Renick	Administrative Support	Martin	Ash
Harvey Rosen	Financial Services	Walker	Anna
		Martinez	Finn
Julie Smith	Human Resources	Smith	Brooker
		Garcia	Siena
Tom Carlson	Information Technology	Thompson	Delaney
		Lewis	Hudson
Robert Meyer	Marketing	Williams	Lola
		Brown	Zane
		Wright	Sadie

Monday, April 27, 2015

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Note: Borders, colors, and placement of fields may be different. Must:

1. Have the same title.
2. Show the same fields.
3. Sort by Last Name (ascending order)
4. Have field widths/placement adjusted so all data is visible on one page in Portrait orientation.