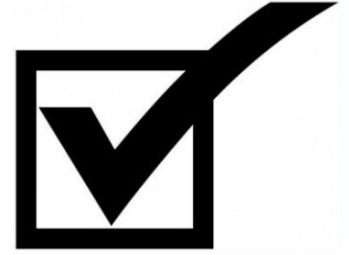


**BUSINESS  
PROFESSIONALS  
of AMERICA**  
Giving Purpose to Potential



# **DATABASE APPLICATIONS (240)**

## **Regional 2024**

### **PRODUCTION**

<b>Job 1:</b> Alumni Data Table	_____ (100 points)
<b>Job 2:</b> Membership Table	_____ (100 points)
<b>Job 3:</b> Relationships Report	_____ (50 points)
<b>Job 4:</b> Query/Report	_____ (100 points)
<b><i>TOTAL POINTS</i></b>	<b><i>_____ (350 points)</i></b>

**Test Time: 90 minutes**

## GENERAL GUIDELINES:

*Failure to adhere to any of the following rules will result in disqualification:*

1. Member must hand in this test booklet and all printouts, if any.
2. No equipment, supplies, or materials other than those specified for this event are allowed in the testing area. No previous BPA tests and/or sample tests (handwritten, photocopied, or keyed) are allowed in the testing area.
3. Electronic devices will be monitored according to ACT standards.

## EXAM GUIDELINES:

1. Ensure this test booklet contains Jobs 1-4.
2. Key all jobs according to the instructions given.
3. Correct any and all formatting, spelling or grammar errors. Use the formatting guide in the *Style & Reference Manual*.
4. Your name or initials should *not* appear on any work you submit. Use your Member ID in any occasion you would normally key your reference initials.
5. In the lower **right** hand corner of ALL work submitted (unless otherwise specified), key your Member ID and job number.
6. If you complete the event before the end of the time allotted, notify the proctor. Time may be considered a factor in determining a winner when there is a tie score.
7. Place your scoring sheet on top of your jobs. Jobs should be placed in numerical order.

	Points Possible	Points Earned
<b>Job 1. Create Alumni Data Table</b>		
Table name is Alumni Data – XXXXX	5	
Field names entered correctly	10	
Data entered correctly (5 points per record)	50	
Date format matches table in test	10	
Sorted alphabetically by last name	10	
Each record is on one line	5	
All data is visible (no truncation)	5	
Table printed in landscape on one page	5	
<b>Total for Job 1</b>	<b>100</b>	
<b>Job 2. Create Membership Table</b>		
Table name is Membership – XXXXX	10	
Field names entered correctly	5	
Currency format with 2 decimal places	5	
Data entered correctly (5 points per record)	50	
Each record data is on one line and sorted by ascending Alumni ID	10	
Table printed in portrait orientation on one page	20	
<b>Total for Job 2</b>	<b>100</b>	
<b>Job 3. Create Relationships Report</b>		
Report shows one to one relationship between Alumni ID# in Alumni Data table and Alumni ID# in Membership table	20	
Relationships report has header labeled <b>Relationships Report</b>	10	
Report includes footer with Member ID on first line and Job 3 on second line of footer	10	
Relationships report printed in portrait orientation	10	
<b>Total for Job 3</b>	<b>50</b>	
<b>Job 4. Query/Report</b>		
Query includes Alumni ID#, First Name and Last name from the Alumni Data table and Membership Date, Alumni Dues and Year of Graduation from the Membership table	40	
Sorted by Year of Graduation, then by Last Name, both in ascending order	5	
Query titled <b>Query-Grad Year</b>	10	
Tabular report created from query, with columns resized to fit data	10	
Total added beneath Alumni Dues column, totaling \$325.00	10	
Currency format with 2 decimal places for all data in Alumni Dues column	10	
Report includes footer with Membership ID on first line and Job 4 on second line of footer	10	
Report printed in portrait orientation, fitting on one page	5	
<b>Total for Job 4</b>	<b>100</b>	
<b>Total Points Earned</b>	<b>350</b>	

Job 1 – Alumni Data Table (to be printed in Landscape orientation)

Alumni ID#	Title	First Name	Last Name	Street Address	City	State	ZIP	Cell Phone
1976233	Mr.	Lan	Huang	2765 Rosewood Rd.	Tupelo	MS	38801	662-805-9691
2772345	Mr.	Ira	George	4331 Clarks Ln.	Ithaca	MI	48847	989-250-1300
3098661	Mrs.	Maddison	Osborne	4443 Parrill Ct.	Crown Point	IN	46307	219-620-9851
4002965	Ms.	Suhaylah	Kassis	4126 Chicago Ave.	Fresno	CA	93721	559-457-6306
5046221	Ms.	Jeanine	Foster	1385 Lightning Dr.	Memphis	TN	38118	901-415-2700
5871548	Ms.	Tatjana	Knezevic	2518 Scenic Way	Seymour	IL	61875	217-687-3751
6649213	Mrs.	Carolina	Dias	327 Crummit Ln.	Austin	TX	73344	512-555-0130
7781642	Mr.	Darnell	Jones	2368 Layman Ct.	Atlanta	GA	30308	404-546-0311
8226479	Ms.	Elea	Corona	4988 Stallion Rd.	Cincinnati	KY	45202	859-609-3297
9823346	Ms.	Julie	Winther	3495 Phillip Ln.	Tulsa	OK	74133	918-461-8458

Data should be sorted by last name in ascending order.

Job 2 – Membership Table

Alumni ID#	Year of Graduation	Alumni Dues Paid	Membership Date
1976233	2019	\$25.00	6/9/2019
2772345	2022	\$25.00	11/11/2023
3098661	2019	\$25.00	7/14/2020
4002965	2022	\$40.00	12/2/2022
5046221	2018	\$25.00	5/21/2019
5871548	2018	\$40.00	10/17/2018
6649213	2022	\$25.00	1/12/2023
7781642	2019	\$40.00	8/2/2019
8226479	2018	\$40.00	7/22/2018
9823346	2019	\$40.00	2/17/2021

Data should be sorted in order by Alumni ID

Job 3 – Relationships Report

Alumni Data - XXXXXX

Membership - XXXXXX

Relationships Report - XXXXXX

Relationships Report - XXXXXX

Tuesday, April 4, 2023

Alumni Members - XXXXXX

Membership - XXXXXX

## Job 4 – Query/Report

Query-Grad Year-Member ID xxxxx

11/2/2023

Year of Graduation	Last Name	First Name	Membership Date	Alumni Dues
2018	Corona	Elea	7/22/2018	\$40.00
2018	Foster	Jeanine	5/21/2019	\$25.00
2018	Knezevic	Tatjana	10/17/2018	\$40.00
2019	Huang	Lan	6/9/2019	\$25.00
2019	Jones	Darnell	8/2/2019	\$40.00
2019	Osborne	Maddison	7/14/2020	\$25.00
2019	Winther	Julie	2/17/2021	\$40.00
2022	Dias	Carolina	1/12/2023	\$25.00
2022	George	Ira	11/11/2023	\$25.00
2022	Kassis	Suhaylah	12/2/2022	\$40.00

Query-Grad Year-Member ID xxxxx

11/2/2023

Alumni ID#
8226479
5046221
5871548
1976233
7781642
3098661
9823346
6649213
2772345
4002965

Report by Grad Year				
Year of Graduation	Last Name	First Name	Membership Date	Alumni Dues
2018	Corona	Elea	7/22/2018	\$40.00
2018	Foster	Jeanine	5/21/2019	\$25.00
2018	Knezevic	Tatjana	10/17/2018	\$40.00
2019	Huang	Lan	6/9/2019	\$25.00
2019	Jones	Darnell	8/2/2019	\$40.00
2019	Osborne	Maddison	7/14/2020	\$25.00
2019	Winther	Julie	2/17/2021	\$40.00
2022	Dias	Carolina	1/12/2023	\$25.00
2022	George	Ira	11/11/2023	\$25.00
2022	Kassis	Suhaylah	12/2/2022	\$40.00
				\$325.00

Member ID - XXXXXXXX  
Job 4