Queries

1. Retrieve the first name and last name of each author in the author relation. Order does not matter. (1 points)

SQL Statement:

USE henry;

SELECT firstName, lastName FROM author;

Output:

firstName lastName

Toni Morrison

Paul Solotaroff

Vernor Vintage

Dick Francis

Peter Straub

Stephen King

Philip Pratt

Truddi Chase

Bradley Collins

Joseph Heller

Gary Wills

Douglas R. Hofstadter

Harper Lee

Stephen E. Ambrose

J.K. Rowling

J.D. Salinger

Seamus Heaney

Albert Camus

Bradley Collins, Jr.

John Steinbeck

Riva Castelman

Randy O'Rourke

Tracy Kidder

Barbara Owen

Lon Schleining

2. Retrieve the title and book type in the book relation. Order does not matter. (1 points)

SQL Statement:

USE henry;

SELECT title, type FROM book;

Output:

title type

A Deepness in the Sky SFI

Magic Terror HOR

The Stranger FIC

Venice ART

Second Wind MYS

The Edge MYS

Dreamcatcher: A Novel HOR

Treasure Chests ART

Beloved FIC

Harry Potter and the Prisoner of Azkaban SFI

Van Gogh and Gauguin ART

Of Mice and MenFIC

Electric Light POE

Group: Six People in Search of a Life PSY

Nine Stories FIC

The Soul of a New Machine SCI

Travels with Charley TRA

Catch-22 FIC

Jazz FIC

Band of Brothers HIS

A Guide to SQL CMP

Franny and Zooey FIC

East of Eden FIC

Harry Potter and the Goblet of Fire SFI

The Fall FIC

Godel, Escher, Bach
When Rabbit Howls
PSY

Black House HOR
Song of Solomon FIC
The Grapes of Wrath FIC
Slay Ride MYS
The Catcher in the Rye
To Kill a Mockingbird FIC

3. Retrieve the publisherCode in the book relation. List each publisherCode only once in the result. Order does not matter. (1 points)

SQL Statement:

USE henry;

SELECT DISTINCT (publisherCode) FROM book;

Output:

publisherCode

BA

ВP

BY

 \mathbf{CT}

FA

FS

HC

JP

LB

PE

PL PU

RH

SC

SS

ST

TA

TB

TO

VB

WP

4. Retrieve the title and price of each book in the book relation. Further add a calculated column named 'discount' that shows the price the book with 25% discount. Order does not matter. Show the first five rows of the result. (2 points)

SQL Statement:

USE henry;

SELECT title, price, (price - (price*0.25)) AS discount FROM book;

title price discount

A Deepness in the Sky 7.19 5.3925

Magic Terror 7.99 5.9925 The Stranger 8.00 6.0000

Venice 24.50 18.3750

Second Wind 24.95 18.7125

5. Retrieve the title and price for any book whose price is higher than \$20.00 in the book relation. Show the full result. (2 points)

SQL Statement:

USE henry;

SELECT title, price FROM book

WHERE price>20;

Output:

title price

Venice 24.50

Second Wind 24.95

Treasure Chests 24.46

Van Gogh and Gauguin 21.00

A Guide to SQL 37.95

6. Retrieve the publisherName of all publishers that are in New York only in the publisher relation. Order does not matter. (2 points)

SQL Statement:

USE henry;

SELECT publisherName FROM publisher

WHERE city="New York";

Output:

publisherName

Arcade Publishing

Back Bay books

Fawcett books

Farrar Straus and Giroux

HarperCollins publishers

Jove Publications

Lb books

Penguin USA

8. Retrieve the bookCode and onHand for each book for which a branch has between 2 and 4 copies in the inventory relation. **Use the BETWEEN keyword in this query.** Order does not matter. Show the full result. **(3 points)**

SQL Statement:

7.

USE henry;

SELECT bookCode, onHand FROM inventory WHERE onHand BETWEEN 2 and 4;

Output: # bookCode onHand 079X 079X 138X

9. Retrieve the title and type for each book in the book relation in which the type is SFI, HOR, ART or PSY. Use the IN operator for this query. Order the result by type ascending. Show the first five rows of the result. (3 points)

SQL Statement:

USE henry;

SELECT title, type FROM book

WHERE type IN ("SFI", "HOR", "ART", "PSY");

Output:

title type

A Deepness in the Sky SFI

Magic Terror HOR

Venice ART

Dreamcatcher: A Novel HOR

Treasure Chests ART

Harry Potter and the Prisoner of Azkaban SFI

Van Gogh and Gauguin ART

Group: Six People in Search of a Life PSY Harry Potter and the Goblet of Fire SFI

When Rabbit Howls PSY

Black House HOR

10. Retrieve the title for each book in the book relation that begins with the word "The". Order the result by title ascending. Show the full result. (3 points)

SQL Statement:

USE henry;

SELECT title FROM book WHERE title LIKE ("The%") ORDER BY title;

Output:

title

The Catcher in the Rye

The Edge

The Fall

The Grapes of Wrath

The Soul of a New Machine

The Stranger

11. Retrieve the title for each book in the book relation that doesn't have a type. Order the result by title ascending. Show the full result. (3 points)

SQL Statement:

USE henry;

SELECT title FROM book WHERE type=null ORDER BY title;

title

12. Retrieve all of the columns from the author relation. Order the results by the authors lastName descending. (3 points)

SQL Statement:

USE henry;

SELECT * FROM author ORDER BY lastName DESC;

Output:

authorNum lastName firstName 11 Wills Gary 3 Vintage Vernor 5 Straub Peter 20 Steinbeck John 2 **Solotaroff** Paul 25 **Schleining** Lon 16 Salinger J.D. Rowling J.K. 15 7 Pratt Philip 22 Owen Barbara 23 O'Rourke Randy 1 Morrison Toni 13 Lee Harper 6 Stephen King 24 **Kidder Tracy** Douglas R. 12 Hofstadter 10 Heller Joseph 17 **Heaney Seamus** 4 Francis Dick 19 Collins, Jr. **Bradley** 9 Collins Bradley 8 Chase Truddi 21 Castelman Riva 18 Camus Albert 14 Ambrose Stephen E.

13. Retrieve the title and type from the book relation. Order the results first by type and then by title. Both sort keys should be ascending order. Show the first five rows of the result. (3 points)

SQL Statement:

USE henry;

```
SELECT title, type FROM book ORDER BY type, title;
```

title type
Treasure Chests ART
Van Gogh and Gauguin ART
Venice ART
A Guide to SQL CMP
Beloved FIC

14. Retrieve a count of the number of books published by Penguin USA. Name the column 'Penguin Books'. Order does not matter. Show your full result. (3 points)

```
SQL Statement:
```

USE henry;

SELECT COUNT(publisherName) AS "Penguin Books" FROM publisher WHERE publisherName="Penguin USA";

Output:

Penguin Books

1

15. Retrieve the publisherCode and the number of books from from publisher from the book relation. Order the result by the count in descending order. Show the first five rows of the result. (3 points)

SQL Statement:

USE henry;

SELECT publisherCode, COUNT(title) AS count FROM book GROUP BY publisherCode ORDER BY count DESC;

Output:

publisherCode count

PE 4 JP 3 LB 3

PL 3

SC 2

16. Retrieve the publisherCode and the number of books from that publisher from the book relation. Order the results by publisherCode and only show publishers who have 3 or more books in the relation. **Hint: will need to use the HAVING keyword.** Show your full result. (3 points)

SQL Statement: USE henry;

SELECT publisherCode, COUNT(title) AS count FROM book GROUP BY publisherCode HAVING count>2 ORDER BY publisherCode;

Output:

publisherCode count

JP 3 LB 3 PE 4 PL 3

17. Retrieve the number of books in the book relation whose prices is \$20.00 or lower. Order does not matter. Show your full result. (3 points)

SOL Statement:

USE henry;

SELECT COUNT(price) FROM book WHERE price<20;

Output:

COUNT(price)

28

18. Retrieve the title of the most expensive book in the book relation. Use a subquery for this problem. Show your full result. (3 points)

SQL Statement: SELECT title FROM book WHERE price IN (SELECT MAX(price) FROM book);

title

A Guide to SQL

19. Retrieve the title of the least expensive book in the book relation. Use a subquery for this problem. Show your full result. (3 points)

SQL Statement:

USE henry;

SELECT title FROM book WHERE price IN (SELECT MIN(price) FROM book);

Output:

title Nine Stories Franny and Zooey The Catcher in the Rye

20. Retrieve the title of all books in the book relation that are not published in New York. Order result by the city ascending. Use a subquery for this query. (5 points)

SQL Statement:

USE henry;

SELECT title
FROM book
WHERE publisherCode IN (
SELECT publisherCode
FROM publisher
WHERE city != "New York"
ORDER BY city);

Output:

title

Treasure Chests
Van Gogh and Gauguin
Group: Six People in Search of a Life
Band of Brothers
A Guide to SQL
Godel, Escher, Bach

21. Retrieve all of the columns from the book and publisher relations in one result. Use aliases in your query and use the simple JOIN syntax. Order does not matter. (5 points)

SQL Statement:

SELECT *

FROM book b, publisher p

WHERE b.publisherCode = p.publisherCode;

Output	t:									
# bookCode title publisherCode				TYPE	price	paperback		publisherCode		
publish	erName city									
0180	A Deepness in t	the Sky	TB	SFI	7.19	Y	TB	Tor boo	ks	New
York										
0189	Magic Terror	FA	HOR	7.99	Y	FA	Fawcet	t books	New Yo	ork
0200	The Stranger	VB	FIC	8.00	Y	VB	Vintage	e books	New Yo	ork
0378	Venice SS	ART	24.50	N	SS	Simon	and Schuster New York			ork
079X	Second Wind	PU	MYS	24.95	N	PU	Putnan	n Publishii	ng Group	New
York										
0808	The Edge	JP	MYS	6.99	Y	JP	Jove Pu	ublications	s New Yo	ork
1351	Dreamcatcher:	A Novel	SC	HOR	19.60	N	SC	Scribne	r New Yo	ork
1382	Treasure Chests	s TA	ART	24.46	N	TA	Taunto	n Press	Newtov	vn CT
138X	Beloved PL	FIC	12.95	Y	PL	Plume	New Y	ork		
2226	Harry Potter and	d the Pris	oner of A	zkaban	ST	SFI	13.96	N	ST	
SchoLA	ASTic Trade	New Y	ork							
2281	Van Gogh and (Gauguin	WP	ART	21.00	N	WP	Westvie	w Press	Boulder
CO										
2766	Of Mice and M	enPE	FIC	6.95	Y	PE	Pengui	n USA	New Yo	ork
2908	Electric Light	FS	POE	14.00	N	FS	Farrar	Straus and	Giroux	New
York										
3350	Group: Six Peo	ple in Sea	irch of a l	Life	BP	PSY	10.40	Y	BP	Berkley
Publish	ing Bostor	1								
3743	Nine Stories	LB	FIC	5.99	Y	LB	Lb boo	ks	New Yo	ork
3906	The Soul of a N	lew Mach	ine	BY	SCI	11.16	Y	BY	Back B	ay books
New Yo	ork									
5163	Travels with Ch	arley	PE	TRA	7.95	Y	PE	Penguin	USA	New
York										
5790	Catch-22	SC	FIC	12.00	Y	SC	Scribne	er New Yo	rk	
6128	Jazz PL	FIC	12.95	Y	PL	Plume	New Y	ork		
6328	Band of Brothe	rs TO	HIS	9.60	Y	TO	Touchs	tone book	S	Westport
CT										
669X	A Guide to SQI	L CT	CMP	37.95	Y	CT	Course	Technolo	gy	Boston
6908	Franny and Zoo	ey	LB	FIC	5.99	Y	LB	Lb book	S	New
York										
7405	East of Eden	PE	FIC	12.95	Y	PE	Pengui	n USA	New Yo	ork

7443	Harry Potter and the Goblet of Fire			e ST	SFI	18.16	N	ST	SchoLA	ASTic
Trade	New York									
7559	The Fall VB	FIC	8.00	Y	VB	Vintage	books	New Yo	rk	
8092	Godel, Escher, E	Bach	BA	PHI	14.00	Y	BA	Basic bo	ooks	Boulder
CO										
8720	When Rabbit Ho	owls	JP	PSY	6.29	Y	JP	Jove Pu	blication	s New
York										
9611	Black House	RH	HOR	18.81	N	RH	Random	n House	New Yo	ork
9627	Song of Solomo	n PL	FIC	14.00	Y	PL	Plume	New Yo	rk	
9701	The Grapes of W	Vrath	PE	FIC	13.00	Y	PE	Penguin	USA	New
York										
9882	Slay Ride	JP	MYS	6.99	Y	JP	Jove Pu	blications	s New Yo	ork
9883	The Catcher in t	he Rye	LB	FIC	5.99	Y	LB	Lb book	S	New
York										
9931	To Kill a Mockin	ngbird	HC	FIC	18.00	N	HC	HarperC	Collins p	ublishers
New Yo	ork									

22. Rewrite the previous query using the ON keyword. (5 points)

SQL Statement:

USE henry;

SELECT *

FROM book c

JOIN publisher p ON c.publisherCode = p.publisherCode;

Output:

# book city	Code title	publish	erCode	TYPE	price	paperb	ack	publish	erCode	publisherName
0180	A Deepness in t	he Sky	TB	SFI	7.19	Y	TB	Tor boo	oks	New York
0189	Magic Terror	FA	HOR	7.99	Y	FA	Fawcett	books	New Yo	ork
0200	The Stranger	VB	FIC	8.00	Y	VB	Vintage	books	New Yo	ork
0378	Venice SS	ART	24.50	N	SS	Simon	and Schu	ster	New Yo	ork
079X York	Second Wind	PU	MYS	24.95	N	PU	Putnam	Publish	ning Gro	up New
0808	The Edge	JP	MYS	6.99	Y	JP	Jove Pu	blicatio	ns	New York
1351	Dreamcatcher:	A Novel	SC	HOR	19.60	N	SC	Scribno	er	New York
1382	Treasure Chests	s TA	ART	24.46	N	TA	Taunto	n Press	Newtov	vn CT
138X	Beloved PL	FIC	12.95	Y	PL	Plume	New Yo	rk		
2226 SchoL	Harry Potter ai ASTic Trade	nd the Pr New Yo		f Azkaba	ın	ST	SFI	13.96	N	ST

2281	Van Gogh and Gau	guin WP	ART	21.00	N	WP	Westvie	w Press	Boulder CO
2766	Of Mice and Men	PE	FIC	6.95	Y	PE	Penguir	ı USA	New York
2908 York	Electric Light FS	POE	14.00	N	FS	Farrar	Straus a	nd Girou	ıx New
3350 Publish	Group: Six People i	n Search of	'a Life	BP	PSY	10.40	Y	BP	Berkley
3743	Nine Stories LI	B FIC	5.99	Y	LB	Lb boo	ks	New Yo	ork
3906 York	The Soul of a New I	Machine	BY	SCI	11.16	Y	BY	Back B	ay books New
5163	Travels with Charle	ey PE	TRA	7.95	Y	PE	Penguir	ı USA	New York
5790	Catch-22 SC	FIC FIC	12.00	Y	SC	Scribno	er	New Yo	ork
6128	Jazz PL FI	C 12.95	Y	PL	Plume	New York			
6328 Westpo	Band of Brothers ort CT	ТО	HIS	9.60	Y	ТО	Touchst	one boo	ks
669X	A Guide to SQL C	Г СМР	37.95	Y	CT	Course	Technolo	ogy	Boston
6908	Franny and Zooey	LB	FIC	5.99	Y	LB	Lb bool	ks	New York
7405	East of Eden PF	FIC FIC	12.95	Y	PE	Pengui	n USA	New Yo	ork
7443 Trade	Harry Potter and the New York	Potter and the Goblet of Fire ork			SFI	18.16	N	ST	SchoLASTic
7559	The FallVB FI	C 8.00	Y	VB	Vintage	e books	New Yo	rk	
8092	Godel, Escher, Back	n BA	PHI	14.00	Y	BA	Basic bo	ooks	Boulder CO
8720 York	When Rabbit Howl	s JP	PSY	6.29	Y	JP	Jove Pu	blicatio	ns New
9611	Black House RI	H HOR	18.81	N	RH	Rando	m House	New Yo	ork
9627	Song of Solomon PI	FIC	14.00	Y	PL	Plume	New Yo	rk	
9701	The Grapes of Wra	th PE	FIC	13.00	Y	PE	Penguir	ı USA	New York
9882	Slay Ride JP	MYS	6.99	Y	JP	Jove Pu	ublication	18	New York
9883	The Catcher in the	Rye LB	FIC	5.99	Y	LB	Lb bool	ks	New York
9931 New Yo	To Kill a Mockingb ork	ird HC	FIC	18.00	N	НС	Harper	Collins p	oublishers

^{23.} Retrieve the title from the book relation and the city from the publisher relation using a JOIN query. Use aliases in your query. Order the result by title. (5 points)

SQL Statement:

USE henry;

SELECT title, city

FROM book c

JOIN publisher p ON c.publisherCode = p.publisherCode

ORDER BY title;

Output:

title city

A Deepness in the Sky New York

A Guide to SQL Boston

Band of Brothers Westport CT

Beloved New York

Black House New York

Catch-22 New York

Dreamcatcher: A Novel New York

East of Eden New York

Electric Light New York

Franny and Zooey New York

Godel, Escher, Bach Boulder CO

Group: Six People in Search of a Life Boston

Harry Potter and the Goblet of Fire New York

Harry Potter and the Prisoner of Azkaban New York

Jazz New York

Magic Terror New York

Nine Stories New York

Of Mice and MenNew York

Second Wind New York

Slay Ride New York

Song of Solomon New York

The Catcher in the Rye New York

The Edge New York

The Fall New York

The Grapes of Wrath New York

The Soul of a New Machine New York

The Stranger New York

To Kill a Mockingbird New York

Travels with Charley New York

Treasure Chests Newtown CT

Van Gogh and Gauguin Boulder CO

Venice New York

When Rabbit Howls New York

24. Retrieve the title from the book relation and the author lastName from the author relation. Order by author lastName. Use aliases in your query. This will involve JOINING the book, author and wrote relations. (5 points)

SQL Statement:

USE henry;

SELECT title, lastName FROM book b JOIN wrote w ON b.bookCode = w.bookCode JOIN author a ON a.authorNum = w.authorNum

Output:

title lastName

Band of Brothers Ambrose

The Stranger Camus

ORDER BY lastName;

The Fall Camus

When Rabbit Howls Chase
Van Gogh and Gauguin Collins
Van Gogh and Gauguin Collins, Jr.

Second Wind Francis
The Edge Francis
Slay Ride Francis
Electric Light Heaney
Catch-22 Heller

Godel, Escher, Bach Hofstadter
The Soul of a New Machine Kidder

Dreamcatcher: A Novel King

Black House King

To Kill a Mockingbird Lee

Jazz Morrison Beloved Morrison

Song of Solomon Morrison

Treasure Chests O'Rourke

A Guide to SQL Pratt

Harry Potter and the Prisoner of Azkaban Rowling

Harry Potter and the Goblet of Fire Rowling

Nine Stories Salinger

Franny and Zooey Salinger
The Catcher in the Rye Salinger
Treasure Chests Schleining

Group: Six People in Search of a Life Solotaroff

East of Eden Steinbeck

The Grapes of Wrath Steinbeck
Travels with Charley Steinbeck

Of Mice and Men Steinbeck Black House Straub Magic Terror Straub

A Deepness in the Sky Vintage

Venice Wills

25. Retrieve the title from the book relation and branchNum and onHand from the inventory relation. Use aliases in your query. Order the result by title. (5 points)

SQL Statement:

USE henry;

SELECT title, branchNum, onHand FROM book b, inventory i WHERE b.bookCode = i.bookCode ORDER BY title;

Output:

Output:				
# title branchNum	onHand			
A Deepness in the Sky	1	2		
A Guide to SQL 1	1			
Band of Brothers 2	2			
Beloved 2 3				
Black House 1	2			
Catch-22 4	2			
Dreamcatcher: A Novel	2	4		
Dreamcatcher: A Novel	3	2		
East of Eden 3	2			
Electric Light 1	3			
Electric Light 4	1			
Franny and Zooey	2	2		
Godel, Escher, Bach	3	1		
Group: Six People in Sear	ch of a L	ife	1	2
Harry Potter and the Gobl	et of Fire	: 4	1	
Harry Potter and the Priso	ner of Az	zkaban	1	3
Harry Potter and the Priso			3	2
Harry Potter and the Priso	ner of Az	zkaban	4	1
Jazz 2 4				
Jazz 3 3				
Magic Terror 2	2			
Nine Stories 2	1			
Of Mice and Men3	2			
Second Wind 2	1			
Second Wind 3	2			
Second Wind 4	3			
Slay Ride 3	3			
Song of Solomon 3	5			
Song of Solomon 4	2			
The Catcher in the Rye	2	3		
The Catcher in the Rye	4	2		
The Edge 2	1			
The Fall 2 2				
The Grapes of Wrath	1	2		
The Grapes of Wrath	2	1		
The Grapes of Wrath	3	3		
The Grapes of Wrath	4	2		
The Soul of a New Machin	ne	2	1	

The Soul of a New Machine 3 2 The Stranger 1 The Stranger 3 2 To Kill a Mockingbird 1 Travels with Charley 1 1 Treasure Chests 2 1 Van Gogh and Gauguin 4 3 Venice 3 When Rabbit Howls 3 1

26. Retrieve the title from the book relation, the branchName from the branch relation and number of copies onHand from the inventory relation. Use aliases in your query. Order the result by title ascending. (5 points)

SQL Statement:

USE henry;

SELECT title, branchName, onHand FROM book b, inventory i, branch br WHERE b.bookCode = i.bookCode AND br.branchNum = i.branchNum ORDER BY title:

Output:

title branchName onHand A Deepness in the Sky Henry Downtown2 A Guide to SQL Henry Downtown1 2 Band of Brothers Henry On The Hill Beloved Henry On The Hill Black House Henry Downtown2 Catch-22 Henry Eastshore 2 Dreamcatcher: A Novel Henry On The Hill 4 Dreamcatcher: A Novel Henry Brentwood2 East of Eden Henry Brentwood2 Electric Light Henry Eastshore 1 Electric Light Henry Downtown3 Franny and Zooey Henry On The Hill 2 Godel, Escher, Bach Henry Brentwood1 Group: Six People in Search of a Life Henry Downtown2 Harry Potter and the Goblet of Fire Henry Eastshore 1 Harry Potter and the Prisoner of Azkaban Henry Downtown3 Harry Potter and the Prisoner of Azkaban Henry Brentwood2 Harry Potter and the Prisoner of Azkaban Henry Eastshore 1 Henry Brentwood3 Jazz Henry On The Hill Jazz Magic Terror Henry On The Hill 2 Nine Stories Henry On The Hill 1 Of Mice and MenHenry Brentwood2 Second Wind Henry On The Hill 1 Second Wind Henry Brentwood2 Second Wind Henry Eastshore 3

Slay Ride Henry Brentwood3 Song of Solomon Henry Brentwood5 Song of Solomon Henry Eastshore 2 The Catcher in the Rye Henry Eastshore 2 Henry On The Hill The Catcher in the Rye 3 Henry On The Hill The Edge The Fall Henry On The Hill 2 The Grapes of Wrath Henry Downtown2 The Grapes of Wrath Henry On The Hill 1 The Grapes of Wrath Henry Eastshore 2 The Grapes of Wrath Henry Brentwood3 Henry Brentwood2 The Soul of a New Machine Henry On The Hill The Soul of a New Machine 1 Henry On The Hill The Stranger 3 The Stranger Henry Downtown1 To Kill a Mockingbird Henry Downtown2 Henry Downtown1 Travels with Charley Treasure Chests Henry On The Hill Van Gogh and Gauguin Henry Eastshore 3 Venice Henry Brentwood2 When Rabbit Howls Henry Downtown3

27. Retrieve the title from the book relation and compute the number of copies of the title that all branches have on hand. Name this computed column 'Inventory' **Hint: You will need to join book and inventory and do an aggregate query.** Use aliases in your query. Order the result by the total number of copies of the book in descending order. Show the first two rows of your result. (5 points)

SQL Statement:
SELECT title, SUM(onHand) AS inventory
FROM book b
JOIN inventory i ON b.bookCode=i.bookCode
GROUP BY b.title
ORDER BY inventory DESC;

Output:

title inventory
The Grapes of Wrath 8
Jazz 7

28. Retrieve the first name and last name from the author relation and the title from the book relation for all paperback books in the book relation. Order the result by the author last name and title. (5 points)

SQL Statement: USE henry;

SELECT firstName, lastName, title
FROM book b, author a, wrote w
WHERE w.authorNum = a.authorNum AND b.bookCode = w.bookCode AND paperback = "Y"

ORDER BY lastName, title;

Output:

firstName lastName title

Stephen E. Ambrose Band of Brothers

Albert Camus The Fall

Albert Camus The Stranger

Truddi Chase When Rabbit Howls

Dick Francis Slay Ride Dick Francis The Edge

Joseph Heller Catch-22

Douglas R. Hofstadter Godel, Escher, Bach

Tracy Kidder The Soul of a New Machine

Toni Morrison Beloved Toni Morrison Jazz

Toni Morrison Song of Solomon

Philip Pratt A Guide to SQL

J.D. SalingerFranny and Zooey

J.D. SalingerNine Stories

J.D. SalingerThe Catcher in the Rye

Paul Solotaroff Group: Six People in Search of a Life

John Steinbeck East of Eden
John Steinbeck Of Mice and Men
John Steinbeck The Grapes of Wrath
John Steinbeck Travels with Charley

Peter Straub Magic Terror

Vernor Vintage A Deepness in the Sky

29. Insert a new branch into the branch relation with the following data branch number = 5, branch name = Henry Lexington Green, branch location = 127 South Road, numEmployees = 7. Then write the query to show all of the branches in the branch relation. (4 points)

SQL Statement:

USE henry;

INSERT INTO branch

VALUES(5, "Henry Lexington Green", "127 South Road", 7);

SELECT * FROM branch;

Output:

branchNum branchName branchLocation numEmployees

1 Henry Downtown 16 Riverview 10 2 Henry On The Hill 1289 Bedford 6 3 Henry Brentwood Brentwood Mall 15

4 Henry Eastshore Eastshore Mall 9

5 Henry Lexington Green 127 South Road 7

30. The Henry Downtown branch moved to 184 St. John's Way. Update the branch table with the new address. (3 points)

SQL Statement:

USE henry;

UPDATE branch SET branchLocation="184 St. John's Way" WHERE branchNum=1;

SELECT * FROM branch;

Output:

5

branchNum branchName branchLocation numEmployees

1 Henry Downtown 184 St. John's Way 10

2 Henry On The Hill 1289 Bedford 6

3 Henry Brentwood Brentwood Mall 15

4 Henry EastshoreEastshore Mall 9

Henry Lexington Green 127 South Road 7