Single table query, no WHERE filter

- Every query creates a temporary "source table" from which a "results table" is created
- In a single-table query, the WHERE clause determines which rows are in the new temporary source table
- The SELECT clause determines which columns from the source table will be in the results table.

-- no WHERE clause - take everything

ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288
4	Zachery	Simonite	388-630-4295
5	Liz	La Rosa	593-616-1747
6	Stanislas	Mountjoy	510-108-4417
7	Guinevere	Papis	873-197-5088
8	Kessiah	Richmond	713-886-1172
9	Austin	Kemet	762-873-1826
10	Annecorinne	Alesio	750-987-3065
11	Karia	Pionter	818-438-6440
12	Ester	Whiffin	587-553-5127
13	Gale	Asquith	396-948-0244
14	Leslie	Howgate	267-443-5068
15	Denison	Woodstock	555-838-7669
16	Rosene	Seppey	958-950-4780

-- no WHERE clause - take everything

ID	fname	Iname	phone	
1	Ellyn	Davidzon	209-121-2166	
2	Kerry	Corey	557-443-1462	
3	Arny	Brendish	103-400-2288	
4	Zachery	Simonite	388-630-4295	
5	Liz	La Rosa	593-616-1747	
6	Stanislas	Mountjoy	510-108-4417	
7	Guinevere	Papis	873-197-5088	
8	Kessiah	Richmond	713-886-1172	
9	Austin	Kemet	762-873-1826	
10	Annecorinne	Alesio	750-987-3065	
11	Karia	Pionter	818-438-6440	
12	Ester	Whiffin	587-553-5127	
13	Gale	Asquith	396-948-0244	
14	Leslie	Howgate	267-443-5068	
15	Denison	Woodstock	555-838-7669	
16	Rosene	Seppey	958-950-4780	

-- no WHERE clause - take everything

ID	fname	Iname	phone	
1	Ellyn	Davidzon	209-121-2166	
2	Kerry	Corey	557-443-1462	
3	Arny	Brendish	103-400-2288	
4	Zachery	Simonite	388-630-4295	
5	Liz	La Rosa	593-616-1747	
6	Stanislas	Mountjoy	510-108-4417	
7	Guinevere	Papis	873-197-5088	
8	Kessiah	Richmond	713-886-1172	
9	Austin	Kemet	762-873-1826	
10	Annecorinne	Alesio	750-987-3065	
11	Karia	Pionter	818-438-6440	
12	Ester	Whiffin	587-553-5127	
13	Gale	Asquith	396-948-0244	
14	Leslie	Howgate	267-443-5068	
15	Denison	Woodstock	555-838-7669	
16	Rosene	Seppey	958-950-4780	

FROM cust -- no WHERE clause - take everything

`cust` table

ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288
4	Zachery	Simonite	388-630-4295
5	Liz	La Rosa	593-616-1747
6	Stanislas	Mountjoy	510-108-4417
7	Guinevere	Papis	873-197-5088
8	Kessiah	Richmond	713-886-1172
9	Austin	Kemet	762-873-1826
10	Annecorinne	Alesio	750-987-3065
11	Karia	Pionter	818-438-6440
12	Ester	Whiffin	587-553-5127
13	Gale	Asquith	396-948-0244
14	Leslie	Howgate	267-443-5068
15	Denison	Woodstock	555-838-7669
16	Rosene	Seppey	958-950-4780

FROM cust

-- no WHERE clause - take everything

`cust` table

cust table				
ID	fname	Iname	phone	
1	Ellyn	Davidzon	209-121-2166	
2	Kerry	Corey	557-443-1462	
3	Arny	Brendish	103-400-2288	
4	Zachery	Simonite	388-630-4295	
5	Liz	La Rosa	593-616-1747	
6	Stanislas	Mountjoy	510-108-4417	
7	Guinevere	Papis	873-197-5088	
8	Kessiah	Richmond	713-886-1172	
9	Austin	Kemet	762-873-1826	
10	Annecorinne	Alesio	750-987-3065	
11	Karia	Pionter	818-438-6440	
12	Ester	Whiffin	587-553-5127	
13	Gale	Asquith	396-948-0244	
14	Leslie	Howgate	267-443-5068	
15	Denison	Woodstock	555-838-7669	
16	Rosene	Seppey	958-950-4780	

ID	fname	lname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288
4	Zachery	Simonite	388-630-4295
5	Liz	La Rosa	593-616-1747
6	Stanislas	Mountjoy	510-108-4417
7	Guinevere	Papis	873-197-5088
8	Kessiah	Richmond	713-886-1172
9	Austin	Kemet	762-873-1826
10	Annecorinne	Alesio	750-987-3065
11	Karia	Pionter	818-438-6440
12	Ester	Whiffin	587-553-5127
13	Gale	Asquith	396-948-0244
14	Leslie	Howgate	267-443-5068
15	Denison	Woodstock	555-838-7669
16	Rosene	Seppey	958-950-4780

FROM cust

-- no WHERE clause - take everything

`cust` table

ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288
4	Zachery	Simonite	388-630-4295
5	Liz	La Rosa	593-616-1747
6	Stanislas	Mountjoy	510-108-4417
7	Guinevere	Papis	873-197-5088
8	Kessiah	Richmond	713-886-1172
9	Austin	Kemet	762-873-1826
10	Annecorinne	Alesio	750-987-3065
11	Karia	Pionter	818-438-6440
12	Ester	Whiffin	587-553-5127
13	Gale	Asquith	396-948-0244
14	Leslie	Howgate	267-443-5068
15	Denison	Woodstock	555-838-7669
16	Rosene	Seppey	958-950-4780

ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288
4	Zachery	Simonite	388-630-4295
5	Liz	La Rosa	593-616-1747
6	Stanislas	Mountjoy	510-108-4417
7	Guinevere	Papis	873-197-5088
8	Kessiah	Richmond	713-886-1172
9	Austin	Kemet	762-873-1826
10	Annecorinne	Alesio	750-987-3065
11	Karia	Pionter	818-438-6440
12	Ester	Whiffin	587-553-5127
13	Gale	Asquith	396-948-0244
14	Leslie	Howgate	267-443-5068
15	Denison	Woodstock	555-838-7669
16	Rosene	Seppey	958-950-4780

FROM cust

-- no WHERE clause - take everything

`cust` table

ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288
4	Zachery	Simonite	388-630-4295
5	Liz	La Rosa	593-616-1747
6	Stanislas	Mountjoy	510-108-4417
7	Guinevere	Papis	873-197-5088
8	Kessiah	Richmond	713-886-1172
9	Austin	Kemet	762-873-1826
10	Annecorinne	Alesio	750-987-3065
11	Karia	Pionter	818-438-6440
12	Ester	Whiffin	587-553-5127
13	Gale	Asquith	396-948-0244
14	Leslie	Howgate	267-443-5068
15	Denison	Woodstock	555-838-7669
16	Rosene	Seppey	958-950-4780

ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288
4	Zachery	Simonite	388-630-4295
5	Liz	La Rosa	593-616-1747
6	Stanislas	Mountjoy	510-108-4417
7	Guinevere	Papis	873-197-5088
8	Kessiah	Richmond	713-886-1172
9	Austin	Kemet	762-873-1826
10	Annecorinne	Alesio	750-987-3065
11	Karia	Pionter	818-438-6440
12	Ester	Whiffin	587-553-5127
13	Gale	Asquith	396-948-0244
14	Leslie	Howgate	267-443-5068
15	Denison	Woodstock	555-838-7669
16	Rosene	Seppey	958-950-4780

FROM cust

-- no WHERE clause - take everything

New Source Tabl	ϵ
-----------------	------------

R	ASII	ltc '	Tab	ءا
- 17	ヒンい	11.5	เดม	ıc

ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288
4	Zachery	Simonite	388-630-4295
5	Liz	La Rosa	593-616-1747
6	Stanislas	Mountjoy	510-108-4417
7	Guinevere	Papis	873-197-5088
8	Kessiah	Richmond	713-886-1172
9	Austin	Kemet	762-873-1826
10	Annecorinne	Alesio	750-987-3065
11	Karia	Pionter	818-438-6440
12	Ester	Whiffin	587-553-5127
13	Gale	Asquith	396-948-0244
14	Leslie	Howgate	267-443-5068
15	Denison	Woodstock	555-838-7669
16	Rosene	Seppey	958-950-4780

ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288
4	Zachery	Simonite	388-630-4295
5	Liz	La Rosa	593-616-1747
6	Stanislas	Mountjoy	510-108-4417
7	Guinevere	Papis	873-197-5088
8	Kessiah	Richmond	713-886-1172
9	Austin	Kemet	762-873-1826
10	Annecorinne	Alesio	750-987-3065
11	Karia	Pionter	818-438-6440
12	Ester	Whiffin	587-553-5127
13	Gale	Asquith	396-948-0244
14	Leslie	Howgate	267-443-5068
15	Denison	Woodstock	555-838-7669
16	Rosene	Seppey	958-950-4780

FROM cust

-- no WHERE clause - take everything

`cust` table

New Source Table

Results Table

ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288
4	Zachery	Simonite	388-630-4295
5	Liz	La Rosa	593-616-1747
6	Stanislas	Mountjoy	510-108-4417
7	Guinevere	Papis	873-197-5088
8	Kessiah	Richmond	713-886-1172
9	Austin	Kemet	762-873-1826
10	Annecorinne	Alesio	750-987-3065
11	Karia	Pionter	818-438-6440
12	Ester	Whiffin	587-553-5127
13	Gale	Asquith	396-948-0244
14	Leslie	Howgate	267-443-5068
15	Denison	Woodstock	555-838-7669
16	Rosene	Seppey	958-950-4780

ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288
4	Zachery	Simonite	388-630-4295
5	Liz	La Rosa	593-616-1747
6	Stanislas	Mountjoy	510-108-4417
7	Guinevere	Papis	873-197-5088
8	Kessiah	Richmond	713-886-1172
9	Austin	Kemet	762-873-1826
10	Annecorinne	Alesio	750-987-3065
11	Karia	Pionter	818-438-6440
12	Ester	Whiffin	587-553-5127
13	Gale	Asquith	396-948-0244
14	Leslie	Howgate	267-443-5068
15	Denison	Woodstock	555-838-7669
16	Rosene	Seppey	958-950-4780

ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288
4	Zachery	Simonite	388-630-4295
5	Liz	La Rosa	593-616-1747
6	Stanislas	Mountjoy	510-108-4417
7	Guinevere	Papis	873-197-5088
8	Kessiah	Richmond	713-886-1172
9	Austin	Kemet	762-873-1826
10	Annecorinne	Alesio	750-987-3065
11	Karia	Pionter	818-438-6440
12	Ester	Whiffin	587-553-5127
13	Gale	Asquith	396-948-0244
14	Leslie	Howgate	267-443-5068
15	Denison	Woodstock	555-838-7669
16	Rosene	Seppey	958-950-4780

FROM cust

-- no WHERE clause - take everything

`cust` table

ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288
4	Zachery	Simonite	388-630-4295
5	Liz	La Rosa	593-616-1747
6	Stanislas	Mountjoy	510-108-4417
7	Guinevere	Papis	873-197-5088
8	Kessiah	Richmond	713-886-1172
9	Austin	Kemet	762-873-1826
10	Annecorinne	Alesio	750-987-3065
11	Karia	Pionter	818-438-6440
12	Ester	Whiffin	587-553-5127
13	Gale	Asquith	396-948-0244
14	Leslie	Howgate	267-443-5068
15	Denison	Woodstock	555-838-7669
16	Rosene	Seppey	958-950-4780

New Source Table

Results Table

ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288
4	Zachery	Simonite	388-630-4295
5	Liz	La Rosa	593-616-1747
6	Stanislas	Mountjoy	510-108-4417
7	Guinevere	Papis	873-197-5088
8	Kessiah	Richmond	713-886-1172
9	Austin	Kemet	762-873-1826
10	Annecorinne	Alesio	750-987-3065
11	Karia	Pionter	818-438-6440
12	Ester	Whiffin	587-553-5127
13	Gale	Asquith	396-948-0244
14	Leslie	Howgate	267-443-5068
15	Denison	Woodstock	555-838-7669
16	Rosene	Seppey	958-950-4780

Single table query, with a WHERE filter

- A WHERE filter reduces the rows in the source table.
- A SELECT filter reduces the columns in the results table.

FROM cust WHERE fname like 'A%'

ID	fname	Iname	phone	
1	Ellyn	Davidzon	209-121-2166	
2	Kerry	Corey	557-443-1462	
3	Arny	Brendish	103-400-2288	
4	Zachery	Simonite	388-630-4295	
5	Liz	La Rosa	593-616-1747	
6	Stanislas	Mountjoy	510-108-4417	
7	Guinevere	Papis	873-197-5088	
8	Kessiah	Richmond	713-886-1172	
9	Austin	Kemet	762-873-1826	
10	Annecorinne	Alesio	750-987-3065	
11	Karia	Pionter	818-438-6440	
12	Ester	Whiffin	587-553-5127	
13	Gale	Asquith	396-948-0244	
14	Leslie	Howgate	267-443-5068	
15	Denison	Woodstock	555-838-7669	
16	Rosene	Seppey	958-950-4780	

FROM cust WHERE fname like 'A%'

ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288
4	Zachery	Simonite	388-630-4295
5	Liz	La Rosa	593-616-1747
6	Stanislas	Mountjoy	510-108-4417
7	Guinevere	Papis	873-197-5088
8	Kessiah	Richmond	713-886-1172
9	Austin	Kemet	762-873-1826
10	Annecorinne	Alesio	750-987-3065
11	Karia	Pionter	818-438-6440
12	Ester	Whiffin	587-553-5127
13	Gale	Asquith	396-948-0244
14	Leslie	Howgate	267-443-5068
15	Denison	Woodstock	555-838-7669
16	Rosene	Seppey	958-950-4780

FROM cust WHERE fname like 'A%'

`cust` table

fname ID Iname phone 209-121-2166 Ellyn Davidzon 557-443-1462 103-400-2288 **Brendish** Arny 388-630-4295 593-616-1747 Liz La Rosa Mountjoy 873-197-5088 Guinevere Papis 762-873-1826 Austin Kemet 818-438-6440 11 Karia Pionter 13 Gale Asquith 396-948-0244 Howgate 555-838-7669 Denison Woodstock Seppey

FROM cust

WHERE fname like 'A%'

`cust` table

	00.00			
ID	fname	Iname	phone	
1	Ellyn	Davidzon	209-121-2166	
2	Kerry	Corey	557-443-1462	
3	Arny	Brendish	103-400-2288	
4	Zachery	Simonite	388-630-4295	
5	Liz	La Rosa	593-616-1747	
6	Stanislas	Mountjoy	510-108-4417	
7	Guinevere	Papis	873-197-5088	
8	Kessiah	Richmond	713-886-1172	
9	Austin	Kemet	762-873-1826	
10	Annecorinne	Alesio	750-987-3065	
11	Karia	Pionter	818-438-6440	
12	Ester	Whiffin	587-553-5127	
13	Gale	Asquith	396-948-0244	
14	Leslie	Howgate	267-443-5068	
15	Denison	Woodstock	555-838-7669	
16	Rosene	Seppey	958-950-4780	

	ID	fname	Iname	phone
	3	Arny	Brendish	103-400-2288
•				
	9	Austin	Kemet	762-873-1826
	10	Annecorinne	Alesio	750-987-3065

FROM cust

WHERE fname like 'A%'

`cust` table

cust table			
ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288
4	Zachery	Simonite	388-630-4295
5	Liz	La Rosa	593-616-1747
6	Stanislas	Mountjoy	510-108-4417
7	Guinevere	Papis	873-197-5088
8	Kessiah	Richmond	713-886-1172
9	Austin	Kemet	762-873-1826
10	Annecorinne	Alesio	750-987-3065
11	Karia	Pionter	818-438-6440
12	Ester	Whiffin	587-553-5127
13	Gale	Asquith	396-948-0244
14	Leslie	Howgate	267-443-5068
15	Denison	Woodstock	555-838-7669
16	Rosene	Seppey	958-950-4780

ID	fname	Iname	phone
3	Arny	Brendish	103-400-2288
	,	5. 6.16.16.1	

9	Austin	Kemet	762-873-1826
10	Annecorinne	Alesio	750-987-3065



WHERE fname like 'A%'

`cust` table

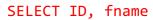
ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288
4	Zachery	Simonite	388-630-4295
5	Liz	La Rosa	593-616-1747
6	Stanislas	Mountjoy	510-108-4417
7	Guinevere	Papis	873-197-5088
8	Kessiah	Richmond	713-886-1172
9	Austin	Kemet	762-873-1826
10	Annecorinne	Alesio	750-987-3065
11	Karia	Pionter	818-438-6440
12	Ester	Whiffin	587-553-5127
13	Gale	Asquith	396-948-0244
14	Leslie	Howgate	267-443-5068
15	Denison	Woodstock	555-838-7669
16	Rosene	Seppey	958-950-4780

New Source Table

ID	fname	Iname	phone
3	Arny	Brendish	103-400-2288

9	Austin	Kemet	762-873-1826
10	Annecorinne	Alesio	750-987-3065

Results Table



WHERE fname like 'A%'

`cust` table

ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288
4	Zachery	Simonite	388-630-4295
5	Liz	La Rosa	593-616-1747
6	Stanislas	Mountjoy	510-108-4417
7	Guinevere	Papis	873-197-5088
8	Kessiah	Richmond	713-886-1172
9	Austin	Kemet	762-873-1826
10	Annecorinne	Alesio	750-987-3065
11	Karia	Pionter	818-438-6440
12	Ester	Whiffin	587-553-5127
13	Gale	Asquith	396-948-0244
14	Leslie	Howgate	267-443-5068
15	Denison	Woodstock	555-838-7669
16	Rosene	Seppey	958-950-4780

New Source Table

ID	fname	Iname	phone

Brendish 103-400-2288

9	Austin	Kemet	762-873-1826
10	Annecorinne	Alesio	750-987-3065

Results Table

ID fname

FROM cust

555-838-7669

958-950-4780

Woodstock

Seppey

15

Denison

WHERE fname like 'A%'

`cust` table **New Source Table Results Table** ID phone ID fname fname Iname phone Iname fname 209-121-2166 Ellyn Davidzon 557-443-1462 Corey 103-400-2288 Brendish 103-400-2288 Arny Brendish Arny Arny 388-630-4295 Liz La Rosa 593-616-1747 Mountjoy 873-197-5088 Guinevere Papis 713-886-1172 Richmond 762-873-1826 762-873-1826 Austin Kemet Austin Kemet Austin 750-987-3065 750-987-3065 11 Karia Pionter 818-438-6440 12 13 Gale Asquith 396-948-0244

FROM cust

WHERE fname like 'A%'

`cust` table

ID	fname	Iname	phone	
1	Ellyn	Davidzon	209-121-2166	
2	Kerry	Corey	557-443-1462	
3	Arny	Brendish	103-400-2288	
4	Zachery	Simonite	388-630-4295	
5	Liz	La Rosa	593-616-1747	
6	Stanislas	Mountjoy	510-108-4417	
7	Guinevere	Papis	873-197-5088	
8	Kessiah	Richmond	713-886-1172	
9	Austin	Kemet	762-873-1826	
10	Annecorinne	Alesio	750-987-3065	
11	Karia	Pionter	818-438-6440	
12	Ester	Whiffin	587-553-5127	
13	Gale	Asquith	396-948-0244	
14	Leslie	Howgate	267-443-5068	
15	Denison	Woodstock	555-838-7669	
16	Rosene	Seppey	958-950-4780	

New Source Table

ID	fname	Iname	phone
3	Arny	Brendish	103-400-2288

9	Austin	Kemet	762-873-1826
10	Annecorinne	Alesio	750-987-3065

Results Table

ID	fname	
3	Arny	
9	Austin	
10	Annecorinne	

FROM cust

WHERE fname like 'A%'

`cust` table

ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288
4	Zachery	Simonite	388-630-4295
5	Liz	La Rosa	593-616-1747
6	Stanislas	Mountjoy	510-108-4417
7	Guinevere	Papis	873-197-5088
8	Kessiah	Richmond	713-886-1172
9	Austin	Kemet	762-873-1826
10	Annecorinne	Alesio	750-987-3065
11	Karia	Pionter	818-438-6440
12	Ester	Whiffin	587-553-5127
13	Gale	Asquith	396-948-0244
14	Leslie	Howgate	267-443-5068
15	Denison	Woodstock	555-838-7669
16	Rosene	Seppey	958-950-4780

Results Table

ID	fname	
3	Arny	
9	Austin	
10	Annecorinne	

Multi-table query (JOIN) with a WHERE filter

- A JOIN statement combines a FROM table with a new table to create a new temporary source table
- An ON clause reduces the rows in the source table
 - No ON clause means ALL of the rows remain in the source table
- Each additional JOIN statement joins a new table to the source table
- The ON clause with each JOIN statement reduces the rows in the source table
- WHERE and ORDER BY clauses are applied to the final source table, restricting the rows in the source table
- The SELECT clause filters the columns in the source table to create the results table.

`cust` table

ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288

ID	date	amount	customer_id
1	2019-01-05	1456.76	3
2	2019-07-15	13.21	2
3	2019-10-02	103-400-2288	1

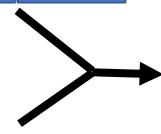
`cust` table

ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288

ID	date	amount	customer_id
1	2019-01-05	1456.76	3
2	2019-07-15	13.21	2
3	2019-10-02	103-400-2288	1

`cust` table

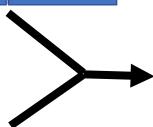
ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288



ID	date	amount	customer_id
1	2019-01-05	1456.76	3
2	2019-07-15	13.21	2
3	2019-10-02	103-400-2288	1

`cust` table

ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288



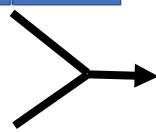
`inv` table

ID	date	amount	customer_id
1	2019-01-05	1456.76	3
2	2019-07-15	13.21	2
3	2019-10-02	103-400-2288	1

ID fname Iname phone

`cust` table

ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288



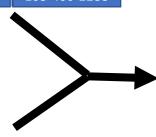
`inv` table

ID	date	amount	customer_id
1	2019-01-05	1456.76	3
2	2019-07-15	13.21	2
3	2019-10-02	103-400-2288	1

ID fname Iname phone ID date amount customer_id

`cust` table

ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288

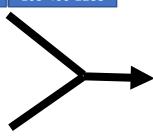


ID	date	amount	customer_id
1	2019-01-05	1456.76	3
2	2019-07-15	13.21	2
3	2019-10-02	103-400-2288	1

ID	fname	Iname	phone	ID	date	amount	customer_id
1	Ellyn	Davidzon	209-121-2166				

`cust` table

ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288

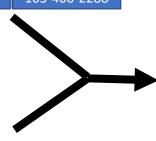


ID	date	amount	customer_id
1	2019-01-05	1456.76	3
2	2019-07-15	13.21	2
3	2019-10-02	103-400-2288	1

ID	fname	Iname	phone	ID	date	amount	customer_id
1	Ellyn	Davidzon	209-121-2166	1	2019-01-05	1456.76	3

`cust` table

ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288

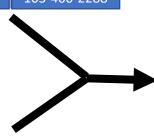


ID	date	amount	customer_id
1	2019-01-05	1456.76	3
2	2019-07-15	13.21	2
3	2019-10-02	103-400-2288	1

ID	fname	Iname	phone	ID	date	amount	customer_id
1	Ellyn	Davidzon	209-121-2166	1	2019-01-05	1456.76	3
1	Ellyn	Davidzon	209-121-2166				

`cust` table

ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288

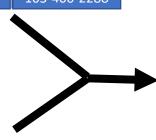


ID	date	amount	customer_id
1	2019-01-05	1456.76	3
2	2019-07-15	13.21	2
3	2019-10-02	103-400-2288	1

ID	fname	Iname	phone	ID	date	amount	customer_id
1	Ellyn	Davidzon	209-121-2166	1	2019-01-05	1456.76	3
1	Ellyn	Davidzon	209-121-2166	2	2019-07-15	13.21	2

`cust` table

ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288

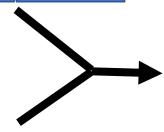


ID	date	amount	customer_id
1	2019-01-05	1456.76	3
2	2019-07-15	13.21	2
3	2019-10-02	103-400-2288	1

ID	fname	Iname	phone	ID	date	amount	customer_id
1	Ellyn	Davidzon	209-121-2166	1	2019-01-05	1456.76	3
1	Ellyn	Davidzon	209-121-2166	2	2019-07-15	13.21	2
1	Ellyn	Davidzon	209-121-2166	3	2019-10-02	103-400-2288	1

`cust` table

ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288

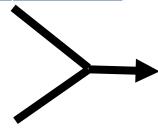


ID	date	amount	customer_id
1	2019-01-05	1456.76	3
2	2019-07-15	13.21	2
3	2019-10-02	103-400-2288	1

ID	fname	Iname	phone	ID	date	amount	customer_id
1	Ellyn	Davidzon	209-121-2166	1	2019-01-05	1456.76	3
1	Ellyn	Davidzon	209-121-2166	2	2019-07-15	13.21	2
1	Ellyn	Davidzon	209-121-2166	3	2019-10-02	103-400-2288	1
2	Kerry	Corey	557-443-1462	1	2019-01-05	1456.76	3
2	Kerry	Corey	557-443-1462	2	2019-07-15	13.21	2
2	Kerry	Corey	557-443-1462	3	2019-10-02	103-400-2288	1

`cust` table

ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288

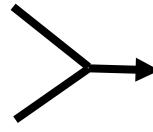


ID	date	amount	customer_id
1	2019-01-05	1456.76	3
2	2019-07-15	13.21	2
3	2019-10-02	103-400-2288	1

ID	fname	Iname	phone	ID	date	amount	customer_id
1	Ellyn	Davidzon	209-121-2166	1	2019-01-05	1456.76	3
1	Ellyn	Davidzon	209-121-2166	2	2019-07-15	13.21	2
1	Ellyn	Davidzon	209-121-2166	3	2019-10-02	103-400-2288	1
2	Kerry	Corey	557-443-1462	1	2019-01-05	1456.76	3
2	Kerry	Corey	557-443-1462	2	2019-07-15	13.21	2
2	Kerry	Corey	557-443-1462	3	2019-10-02	103-400-2288	1
3	Arny	Brendish	103-400-2288	1	2019-01-05	1456.76	3
3	Arny	Brendish	103-400-2288	2	2019-07-15	13.21	2
3	Arny	Brendish	103-400-2288	3	2019-10-02	103-400-2288	1

`cust` table

ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288



`inv` table

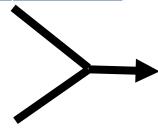
ID	date	amount	customer_id
1	2019-01-05	1456.76	3
2	2019-07-15	13.21	2
3	2019-10-02	103-400-2288	1

ID	fname	Iname	phone	ID	date	amount	customer_id
1	Ellyn	Davidzon	209-121-2166	1	2019-01-05	1456.76	3
1	Ellyn	Davidzon	209-121-2166	2	2019-07-15	13.21	2
1	Ellyn	Davidzon	209-121-2166	3	2019-10-02	103-400-2288	1
2	Kerry	Corey	557-443-1462	1	2019-01-05	1456.76	3
2	Kerry	Corey	557-443-1462	2	2019-07-15	13.21	2
2	Kerry	Corey	557-443-1462	3	2019-10-02	103-400-2288	1
3	Arny	Brendish	103-400-2288	1	2019-01-05	1456.76	3
3	Arny	Brendish	103-400-2288	2	2019-07-15	13.21	2
3	Arny	Brendish	103-400-2288	3	2019-10-02	103-400-2288	1

ON cust.id = inv.customer_id

`cust` table

ID	fname	Iname	phone	
1	Ellyn	Davidzon	209-121-2166	
2	Kerry	Corey	557-443-1462	
3	Arny	Brendish	103-400-2288	



`inv` table

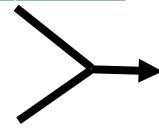
ID	date	amount	customer_id
1	2019-01-05	1456.76	3
2	2019-07-15	13.21	2
3	2019-10-02	103-400-2288	1

ID	fname	Iname	phone	ID	date	amount	customer_id
1	Ellyn	Davidzon	209-121-2166	1	2019-01-05	1456.76	3
1	Ellyn	Davidzon	209-121-2166	2	2019-07-15	13.21	2
1	Ellyn	Davidzon	209-121-2166	3	2019-10-02	103-400-2288	1
2	Kerry	Corey	557-443-1462	1	2019-01-05	1456.76	3
2	Kerry	Corey	557-443-1462	2	2019-07-15	13.21	2
2	Kerry	Corey	557-443-1462	3	2019-10-02	103-400-2288	1
3	Arny	Brendish	103-400-2288	1	2019-01-05	1456.76	3
3	Arny	Brendish	103-400-2288	2	2019-07-15	13.21	2
3	Arny	Brendish	103-400-2288	3	2019-10-02	103-400-2288	1

ON cust.id = inv.customer_id

`cust` table

ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288



`inv` table

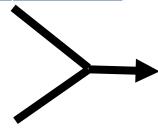
ID	date	amount	customer_id	
1	2019-01-05	1456.76	3	
2	2019-07-15	13.21	2	
3	2019-10-02	103-400-2288	1	

ID	fname	lname	phone	ID	date	amount	customer_id
1	Ellyn	Davidzon	209-121-2166	1	2019-01-05	1456.76	3
1	Ellyn	Davidzon	209-121-2166	2	2019-07-15	13.21	2
1	Ellyn	Davidzon	209-121-2166	3	2019-10-02	103-400-2288	1
2	Kerry	Corey	557-443-1462	1	2019-01-05	1456.76	3
2	Kerry	Corey	557-443-1462	2	2019-07-15	13.21	2
2	Kerry	Corey	557-443-1462	3	2019-10-02	103-400-2288	1
3	Arny	Brendish	103-400-2288	1	2019-01-05	1456.76	3
3	Arny	Brendish	103-400-2288	2	2019-07-15	13.21	2
3	Arny	Brendish	103-400-2288	3	2019-10-02	103-400-2288	1

ON cust.id = inv.customer_id

`cust` table

ID	fname	Iname	phone	
1	Ellyn	Davidzon	209-121-2166	
2	Kerry	Corey	557-443-1462	
3	Arny	Brendish	103-400-2288	



`inv` table

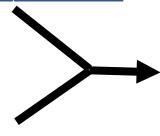
ID	date	amount	customer_id
1	2019-01-05	1456.76	3
2	2019-07-15	13.21	2
3	2019-10-02	103-400-2288	1

ID	fname	Iname	phone	ID	date	amount	customer_id
1	Ellyn	Davidzon	209-121-2166	1	2019-01-05	1456.76	3
1	Ellyn	Davidzon	209-121-2166	2	2019-07-15	13.21	2
1	Ellyn	Davidzon	209-121-2166	3	2019-10-02	103-400-2288	1
2	Kerry	Corey	557-443-1462	1	2019-01-05	1456.76	3
2	Kerry	Corey	557-443-1462	2	2019-07-15	13.21	2
2	Kerry	Corey	557-443-1462	3	2019-10-02	103-400-2288	1
3	Arny	Brendish	103-400-2288	1	2019-01-05	1456.76	3
3	Arny	Brendish	103-400-2288	2	2019-07-15	13.21	2
3	Arny	Brendish	103-400-2288	3	2019-10-02	103-400-2288	1

ON cust.id = inv.customer_id

`cust` table

ID	fname	Iname	phone	
1	Ellyn	Davidzon	209-121-2166	
2	Kerry	Corey	557-443-1462	
3	Arny	Brendish	103-400-2288	



`inv` table

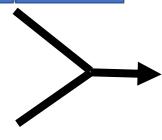
ID	date	amount	customer_id	
1	2019-01-05	1456.76	3	
2	2019-07-15	13.21	2	
3	2019-10-02	103-400-2288	1	

	ID	fname	Iname	phone	ID	date	amount	customer_id
1	1	Ellyn	Davidzon	209-121-2166	1	2019-01-05	1456.76	3
	1	Ellyn	Davidzon	209-121-2166	2	2019-07-15	13.21	2
	1	Ellyn	Davidzon	209-121-2166	3	2019-10-02	103-400-2288	1
	2	Kerry	Corey	557-443-1462	1	2019-01-05	1456.76	3
	2	Kerry	Corey	557-443-1462	2	2019-07-15	13.21	2
	2	Kerry	Corey	557-443-1462	3	2019-10-02	103-400-2288	1
	3	Arny	Brendish	103-400-2288	1	2019-01-05	1456.76	3
	3	Arny	Brendish	103-400-2288	2	2019-07-15	13.21	2
	3	Arny	Brendish	103-400-2288	3	2019-10-02	103-400-2288	1

ON cust.id = inv.customer_id

`cust` table

ID	fname	Iname	phone	
1	Ellyn	Davidzon	209-121-2166	
2	Kerry	Corey	557-443-1462	
3	Arny	Brendish	103-400-2288	



`inv` table

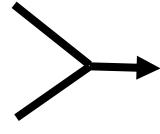
ID	date	amount	customer_id
1	2019-01-05	1456.76	3
2	2019-07-15	13.21	2
3	2019-10-02	103-400-2288	1

ID	fname	Iname	phone	ID	date	amount	customer_id
	Ellyn	Davidzon	209-121-2100	1	2010 01 05	1456.76	3
1	Ellyn	Davidzon	209-121-2166	2	2019-07-15	13.21	2
1	Ellyn	Davidzon	209-121-2166	3	2019-10-02	103-400-2288	1
2	Kerry	Corey	557-443-1462	1	2019-01-05	1456.76	3
2	Kerry	Corey	557-443-1462	2	2019-07-15	13.21	2
2	Kerry	Corey	557-443-1462	3	2019-10-02	103-400-2288	1
3	Arny	Brendish	103-400-2288	1	2019-01-05	1456.76	3
3	Arny	Brendish	103-400-2288	2	2019-07-15	13.21	2
3	Arny	Brendish	103-400-2288	3	2019-10-02	103-400-2288	1

ON cust.id = inv.customer_id

`cust` table

ID	fname	Iname	phone	
1	Ellyn	Davidzon	209-121-2166	
2	Kerry	Corey	557-443-1462	
3	Arny	Brendish	103-400-2288	



`inv` table

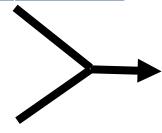
ID	date	amount	customer_id	
1	2019-01-05	1456.76	3	
2	2019-07-15	13.21	2	
3	2019-10-02	103-400-2288	1	

ID	fname	Iname	phone	ID	date	amount	customer_id
	Ellym	Davidzon	209-121-2100	1	2019 01 05	1450.76	
1	Ellyn	Davidzon	209-121-2166	2	2019-07-15	13.21	2
1	Ellyn	Davidzon	209-121-2166	3	2019-10-02	103-400-2288	1
2	Kerry	Corey	557-443-1462	1	2019-01-05	1456.76	3
2	Kerry	Corey	557-443-1462	2	2019-07-15	13.21	2
2	Kerry	Corey	557-443-1462	3	2019-10-02	103-400-2288	1
3	Arny	Brendish	103-400-2288	1	2019-01-05	1456.76	3
3	Arny	Brendish	103-400-2288	2	2019-07-15	13.21	2
3	Arny	Brendish	103-400-2288	3	2019-10-02	103-400-2288	1

ON cust.id = inv.customer_id

`cust` table

ID	fname	Iname	phone	
1	Ellyn	Davidzon	209-121-2166	
2	Kerry	Corey	557-443-1462	
3	Arny	Brendish	103-400-2288	



`inv` table

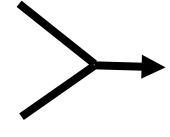
ID	date	amount	customer_id
1	2019-01-05	1456.76	3
2	2019-07-15	13.21	2
3	2019-10-02	103-400-2288	1

ID	fname	Iname	phone	ID	date	amount	customer_id
	Ellyn	Davidzon	209-121-2100	1	2010 01 05	1456.76	3
4	ell	Davidzon	200 121 2166	2	2019 07 15	13.21	2
1	Ellyn	Davidzon	209-121-2166	3	2019-10-02	103-400-2288	1
2	Kerry	Corey	557-443-1462	1	2019-01-05	1456.76	3
2	Kerry	Corey	557-443-1462	2	2019-07-15	13.21	2
2	Kerry	Corey	557-443-1462	3	2019-10-02	103-400-2288	1
3	Arny	Brendish	103-400-2288	1	2019-01-05	1456.76	3
3	Arny	Brendish	103-400-2288	2	2019-07-15	13.21	2
3	Arny	Brendish	103-400-2288	3	2019-10-02	103-400-2288	1

ON cust.id = inv.customer_id

`cust` table

ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288



`inv` table

ID	date	amount	customer_id
1	2019-01-05	1456.76	3
2	2019-07-15	13.21	2
3	2019-10-02	103-400-2288	1

	ID	fname	Iname	phone	ID	date	amount	customer_id
4	4	Ellyn	Davidzon	209-121-2100	1	2010 01 05	1456.76	3
_	1	ell	D. M.	200 121 2166		2010 07 15	12.21	2
4	1	Ellyn	Davidzon	209-121-2166	3	2019-10-02	103-400-2288	1
	2	Kerry	Corey	557-443-1462	1	2019-01-05	1456.76	3
	2	Kerry	Corey	557-443-1462	2	2019-07-15	13.21	2
	2	Kerry	Corey	557-443-1462	3	2019-10-02	103-400-2288	1
	3	Arny	Brendish	103-400-2288	1	2019-01-05	1456.76	3
	3	Arny	Brendish	103-400-2288	2	2019-07-15	13.21	2
	3	Arny	Brendish	103-400-2288	3	2019-10-02	103-400-2288	1

ON cust.id = inv.customer_id

`cust` table

ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288



`inv` table

ID	date	amount	customer_id
1	2019-01-05	1456.76	3
2	2019-07-15	13.21	2
3	2019-10-02	103-400-2288	1

	ID	fname	Iname	phone	ID	date	amount	customer_id
_		-11	David	202 121 2122	1	2010 01 05	1456.76	
		Lilyii	Davidzoff	203-121-2100				<u> </u>
	1	Ellyn	Davidzon	200 121 2166	2	2019 07 15	13.21	2
	1	Ellyn	Davidzon	209-121-2166	3	2019-10-02	103-400-2288	1
٦	2	Kerry	Corey	557-443-1462	1	2019-01-05	1456.76	3
	2	Kerry	Corey	557-443-1462	2	2019-07-15	13.21	2
	2	Kerry	Corey	557-443-1462	3	2019-10-02	103-400-2288	1
	3	Arny	Brendish	103-400-2288	1	2019-01-05	1456.76	3
	3	Arny	Brendish	103-400-2288	2	2019-07-15	13.21	2
	3	Arny	Brendish	103-400-2288	3	2019-10-02	103-400-2288	1

ON cust.id = inv.customer_id

`cust` table

ID	fname	Iname	phone				New Soul	rce Tab	le		
1	Ellyn	Davidzon	209-121-2166								
2	Kerry	Corey	557-443-1462	ID	fname	Iname	phone	ID	date	amount	customer_id
3	Arny	Brendish	103-400-2288			T	222 121 2122	4	2040 04 05	4456.76	
		•			Elly II	Davidzoii	203-121-2100		2010 07 15	1430.70	2
				1	Ellyn	Davidzon	200 121 2166	2	2019 07 15	13.21	2
				1	Ellyn	Davidzon	209-121-2166	3	2019-10-02	103-400-2288	1
				Ž	Кепу	Corey	557-443-1402	1	2019-01-05	1450.70	3
				2	Kerry	Corey	557-443-1462	2	2019-07-15	13.21	2
	N:	ا اماما		2	Kerry	Corey	557-443-1462	3	2019-10-02	103-400-2288	1
	inv	table		3	Arny	Brendish	103-400-2288	1	2019-01-05	1456.76	3
ID	date	amount	customer_id	3	Arny	Brendish	103-400-2288	2	2019-07-15	13.21	2
1	2019-01-05	1456.76	3	3	Arny	Brendish	103-400-2288	3	2019-10-02	103-400-2288	1
2	2019-07-15	13.21	2								
3	2019-10-02	103-400-2288	1								

FROM cust inv JOIN

cust.id = inv.customer_id ON

`cust` table

2019-10-02

103-400-2288

ID	fname	Iname	phone					New Sou	rce Tak	ole		
1	Ellyn	Davidzon	209-121-2166									
2	Kerry	Corey	557-443-1462		ID	fname	Iname	phone	ID	date	amount	custome
3	Arny	Brendish	103-400-2288					200 101 0100	4	2010-01-05	4450.70	
					4	LIIYII	Davidzon	203-121-2100	2	2010 07 15	12.21	3
					-	Liiyii	Davidzon	203 121 2100		2013 07 13	15.21	_
					1	Ellyn	Davidzon	209-121-2166	3	2019-10-02	103-400-2288	1
				→	Ž	Kerry	Corey	357-443-1402	1	2019-01-05	1450.70	3
					2	Kerry	Corey	557-443-1462	2	2019-07-15	13.21	2
	X+ . X	1 - 1-1 -			2	Kerry	Corey	557-443-1462	3	2019-10-02	103-400-2288	1
	inv	table			3	Arny	Brendish	103-400-2288	1	2019-01-05	1456.76	3
ID	date	amount	customer_id	l	3	Arny	Brendish	103-400-2288	2	2019-07-15	13.21	2
1	2019-01-05	1456.76	3		3	Arny	Brendish	103-400-2288	3	2019-10-02	103-400-2288	1
2	2019-07-15	13.21	2									

ON cust.id = inv.customer_id

`cust` table

fname

1	Ellyn	Davidzon	209-121-2166	
2	Kerry	Corey	557-443-1462	
3	Arny	Brendish	103-400-2288	
			—	-
	`inv`	table		
ID	date	amount	customer_id	
1	2019-01-05	1456.76	3	
2	2019-07-15	13.21	2	
3	2019-10-02	103-400-2288	1	

Iname

phone

	ID	fname	lname	phone	ID	date	amount	customer_id
H	- 1	Ellym	Davidzon	209-121-2100	1	2019 01 05	1456.76	3
	1	Clly:	Davidzon	200 121 2166	2	2019 07 15	13.21	2
	1	Ellyn	Davidzon	209-121-2166	3	2019-10-02	103-400-2288	1
3	Ž	кену	Corey	557-443-1402	1	2019-01-05	1450.70	3
	2	Kerry	Corey	557-443-1462	2	2019-07-15	13.21	2
	2	Kerry	Carey	557 443 1462	3	2010 10 02	103 400 2288	1
	3	Arny	Brendish	103-400-2288	1	2019-01-05	1456.76	3
	3	Arny	Brendish	103-400-2288	2	2019-07-15	13.21	2
	3	Arny	Brendish	103-400-2288	3	2019-10-02	103-400-2288	1

ON cust.id = inv.customer_id

`cust` table

ID	fname	Iname	phone	
1	Ellyn	Davidzon	209-121-2166	
2	Kerry	Corey	557-443-1462	
3	Arny	Brendish	103-400-2288	
		•		
			_	→
	\· \			
	ınv	table		
ID	date	amount	customer_id	
1	2019-01-05	1456.76	3	
2	2019-07-15	13.21	2	
3	2019-10-02	103-400-2288	1	

	ID	fname	Iname	phone	ID	date	amount	customer_id	
	<u>i</u>	Ellym	Davidzon	209-121-2100	1	2019 01 05	1456.76	3	
	1	Ellyn	Davidzon	200 121 2166	2	2019 07 15	13.21	2	
	1	Ellyn	Davidzon	209-121-2166	3	2019-10-02	103-400-2288	1	
	2	Кену	Curey	357-443-1402	1	2019-01-05	1450.70	3	E
	2	Kerry	Corey	557-443-1462	2	2019-07-15	13.21	2	
٦	2	Vary	Corey	557 143 1462	3	2019 10 02	103 400 2288	1	E
	3	Arny	Brendish	103-400-2288	1	2019-01-05	1456.76	3	
П	3	Arny	Brendish	103-400-2288	2	2019-07-15	13.21	2	
	3	Arny	Brendish	103-400-2288	3	2019-10-02	103-400-2288	1	

ON cust.id = inv.customer_id

`cust` table

ID	fname	Iname	phone			
1	Ellyn	Davidzon	209-121-2166			
2	Kerry	Corey	557-443-1462		ID	fname
3	Arny	Brendish	103-400-2288			
					1	Elly 11
					- -	Lilyii
					1	Ellyn
				\rightarrow	2	Кену
					2	Kerry
					2	Korry
	`inv`	table		TÎ.	3	Arny
ID	date	amount	customer_id	- 4	3	^r.y
1	2019-01-05	1456.76	3		3	Arny
2	2019-07-15	13.21	2			
3	2019-10-02	103-400-2288	1			

ID	fname	Iname	phone	ID	date	amount	customer_id	
1	Ellyn	Davidzon	209-121-2100	1	2019 01 05	1456.76	3	
1	Ellyn	Davidzon	200 121 2166	2	2019 07 15	13.21	2	_
1	Ellyn	Davidzon	209-121-2166	3	2019-10-02	103-400-2288	1	
2	Кену	Corey	337-443-1402	1	2019-01-05	1450.70	Ĵ	
2	Kerry	Corey	557-443-1462	2	2019-07-15	13.21	2	
2	Vorry	Corey	557 443 1462	3	2010 10 02	103 400 2288	1	
3	Arny	Brendish	103-400-2288	1	2019-01-05	1456.76	3]
3	Ay	Brendish	103 400 2288	2	2019 07 15	13.21	2	_
3	Arny	Brendish	103-400-2288	3	2019-10-02	103-400-2288	1	

ON cust.id = inv.customer_id

`cust` table

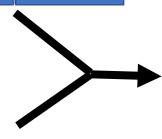
	fname	Iname	phone	
1	Ellyn	Davidzon	209-121-2166	
2	Kerry	Corey	557-443-1462	
3	Arny	Brendish	103-400-2288	
		•		
				→ –
	`inv`	table		<u>ַ</u>
ID	`inv` _{date}	table amount	customer_id	_ _ _
ID 1			customer_id 3	
	date	amount	_	

	ID	fname	Iname	phone	ID	date	amount	customer_id	
		Ellyn	Davidzon	203-121-2100		2019 01 05	1456.76		
	4	Elli ve	Davidson	200 424 2466	2	2010 07 15	12.21	2	1
\mathbb{R}	•	Lilyii	Davidzon	203 121 2100		2013 07 13	15.21		П
Ш	1	Ellyn	Davidzon	209-121-2166	3	2019-10-02	103-400-2288	1	Ц
	Ž	кену	Corey	557-443-1402	í	2019-01-05	1450.70	3	E
	2	Kerry	Corey	557-443-1462	2	2019-07-15	13.21	2	П
	2	Kerry	Corey	557 443 1462	3	2019 10 02	103 400 2288	1	F
	3	Arny	Brendish	103-400-2288	1	2019-01-05	1456.76	3	
		Array	Drendish	103 400 2288	2	2019 07 15	13.21	2	F
	3	żv	DIEHUISH	103-400-2288		2019-10-02	103-400-2200	4	
	9	Ailly	Di Ciluisii	103 400 2200	3	2013-10-02	103-400-2200	_	

FROM cust
JOIN inv
ON cust.id = inv.customer_id

`cust` table

ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288



`inv` table

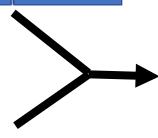
ID	date	amount	customer_id
1	2019-01-05	1456.76	3
2	2019-07-15	13.21	2
3	2019-10-02	103-400-2288	1

	ID	\mathbf{I}	fname	Iname	phone	ID	date	amount	customer_id	
										1
П	1	T	Ellyn	Davidzon	209-121-2166	3	2019-10-02	103-400-2288	1	
			,						_	
	2		Kerry	Corey	557-443-1462	2	2019-07-15	13.21	2	
	3		Arny	Brendish	103-400-2288	1	2019-01-05	1456.76	3	

ON cust.id = inv.customer_id

`cust` table

ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288



`inv` table

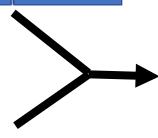
ID	date	amount	customer_id
1	2019-01-05	1456.76	3
2	2019-07-15	13.21	2
3	2019-10-02	103-400-2288	1

ID	fname	Iname	phone	ID	date	amount	customer_id
1	Ellyn	Davidzon	209-121-2166	3	2019-10-02	103-400-2288	1
2	Kerry	Corey	557-443-1462	2	2019-07-15	13.21	2
3	Arny	Brendish	103-400-2288	1	2019-01-05	1456.76	3

ON cust.id = inv.customer_id

`cust` table

ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288



`inv` table

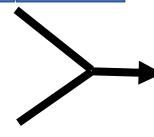
ID	date	amount	customer_id
1	2019-01-05	1456.76	3
2	2019-07-15	13.21	2
3	2019-10-02	103-400-2288	1

ID	fname	Iname	phone	ID	date	amount	customer_id
1	Ellyn	Davidzon	209-121-2166	3	2019-10-02	103-400-2288	1
2	Kerry	Corey	557-443-1462	2	2019-07-15	13.21	2
3	Arny	Brendish	103-400-2288	1	2019-01-05	1456.76	3

ON cust.id = inv.customer_id

`cust` table

ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288



`inv` table

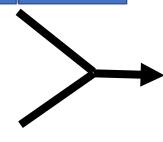
ID	date	amount	customer_id
1	2019-01-05	1456.76	3
2	2019-07-15	13.21	2
3	2019-10-02	103-400-2288	1

ID	fname	Iname	phone	ID	date	amount	customer_id
1	Ellyn	Davidzon	209-121-2166	3	2019-10-02	103-400-2288	1
2	Kerry	Corey	557-443-1462	2	2019-07-15	13.21	2
3	Arny	Brendish	103-400-2288	1	2019-01-05	1456.76	3

ON cust.id = inv.customer_id WHERE cust.id = 1

`cust` table

ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288



`inv` table

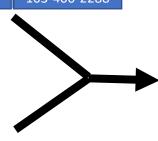
ID	date	amount	customer_id
1	2019-01-05	1456.76	3
2	2019-07-15	13.21	2
3	2019-10-02	103-400-2288	1

ID	fname	Iname	phone	ID	date	amount	customer_id
1	Ellyn	Davidzon	209-121-2166	3	2019-10-02	103-400-2288	1
2	Kerry	Corey	557-443-1462	2	2019-07-15	13.21	2
3	Arny	Brendish	103-400-2288	1	2019-01-05	1456.76	3

ON cust.id = inv.customer_id WHERE cust.id = 1

`cust` table

ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288



`inv` table

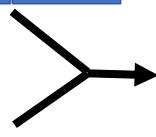
ID	date	amount	customer_id
1	2019-01-05	1456.76	3
2	2019-07-15	13.21	2
3	2019-10-02	103-400-2288	1

ID	fname	Iname	phone	ID	date	amount	customer_id
1	Ellyn	Davidzon	209-121-2166	3	2019-10-02	103-400-2288	1

ON cust.id = inv.customer_id WHERE cust.id = 1

`cust` table

ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288



`inv` table

ID	date	amount	customer_id
1	2019-01-05	1456.76	3
2	2019-07-15	13.21	2
3	2019-10-02	103-400-2288	1

ID	fname	Iname	phone	ID	date	amount	customer_id
1	Ellyn	Davidzon	209-121-2166	3	2019-10-02	103-400-2288	1

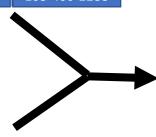
FROM cust JOIN inv

ON cust.id = inv.customer_id

WHERE cust.id = 1

`cust` table

ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288



`inv` table

ID	date	amount	customer_id
1	2019-01-05	1456.76	3
2	2019-07-15	13.21	2
3	2019-10-02	103-400-2288	1

ID	fname	Iname	phone	ID	date	amount	customer_id
1	Ellyn	Davidzon	209-121-2166	3	2019-10-02	103-400-2288	1

SELECT cust.id, cust.lname, inv.id,
 inv.date, inv.amount

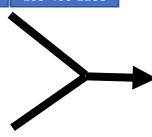
FROM cust JOIN inv

ON cust.id = inv.customer_id

WHERE cust.id = 1

`cust` table

ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288



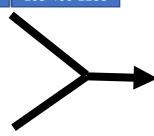
`inv` table

ID	date	amount	customer_id
1	2019-01-05	1456.76	3
2	2019-07-15	13.21	2
3	2019-10-02	103-400-2288	1

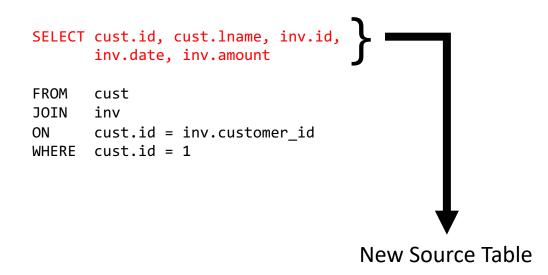
ID	fname	Iname	phone	ID	date	amount	customer_id
1	Ellyn	Davidzon	209-121-2166	3	2019-10-02	103-400-2288	1

`cust` table

ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288



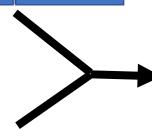
ID	date	amount	customer_id
1	2019-01-05	1456.76	3
2	2019-07-15	13.21	2
3	2019-10-02	103-400-2288	1



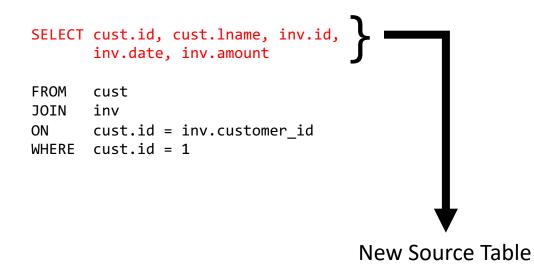
ID	fname	Iname	phone	ID	date	amount	customer_id
1	Ellyn	Davidzon	209-121-2166	3	2019-10-02	103-400-2288	1

`cust` table

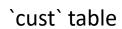
ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288



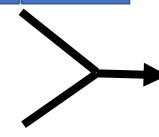
ID	date	amount	customer_id
1	2019-01-05	1456.76	3
2	2019-07-15	13.21	2
3	2019-10-02	103-400-2288	1



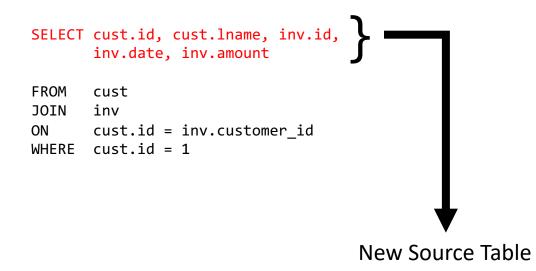
ID	fname	Iname	phone	ID	date	amount	customer_id
1	Ellyn	Davidzon	209-121-2166	3	2019-10-02	103-400-2288	1



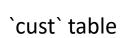
ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288



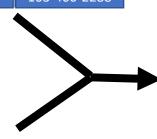
ID	date	amount	customer_id
1	2019-01-05	1456.76	3
2	2019-07-15	13.21	2
3	2019-10-02	103-400-2288	1



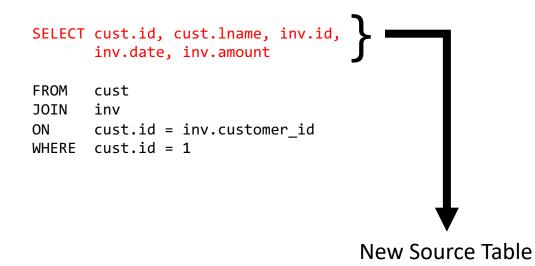




ID	fname	Iname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288



ID	date	amount	customer_id
1	2019-01-05	1456.76	3
2	2019-07-15	13.21	2
3	2019-10-02	103-400-2288	1



Iname	ID	date	amount
Davidzon	3	2019-10-02	103-400-2288

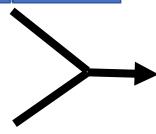
FROM cust JOIN inv

ON cust.id = inv.customer_id

WHERE cust.id = 1

`cust` table

ID	fname	lname	phone
1	Ellyn	Davidzon	209-121-2166
2	Kerry	Corey	557-443-1462
3	Arny	Brendish	103-400-2288



`inv` table

ID	date	amount	customer_id
1	2019-01-05	1456.76	3
2	2019-07-15	13.21	2
3	2019-10-02	103-400-2288	1

Results Table

ID	Iname	ID	date	amount
1	Davidzon	3	2019-10-02	103-400-2288