**Patika PostgreSQL Homework 11**

**Senaryolar**

1. **actor** ve **customer** tablolarında bulunan **first\_name** sütunları için tüm verileri sıralayalım.
2. **actor** ve **customer** tablolarında bulunan **first\_name** sütunları için kesişen verileri sıralayalım.
3. **actor** ve **customer** tablolarında bulunan **first\_name** sütunları için ilk tabloda bulunan ancak ikinci tabloda bulunmayan verileri sıralayalım.
4. İlk 3 sorguyu tekrar eden veriler için de yapalım.

**Senaryo 1**

select first\_name from actor

union

select first\_name from customer

order by first\_name

(Burada listenin alfabetik olarak sıralanması için order by komutunu kullandık)

|  |  |
| --- | --- |
|  | "Aaron" |
|  | "Adam" |
|  | "Adrian" |
|  | "Agnes" |
|  | "Al" |
|  | "Alan" |
|  | "Albert" |
|  | "Alberto" |
|  | "Alec" |
|  | "Alex" |
|  | "Alexander" |
|  | "Alfred" |
|  | "Alfredo" |
|  | "Alice" |
|  | "Alicia" |
|  | "Allan" |
|  | "Allen" |
|  | "Allison" |
|  | "Alma" |
|  | "Alvin" |
|  | "Amanda" |
|  | "Amber" |
|  | "Amy" |
|  | "Ana" |
|  | "Andre" |
|  | "Andrea" |
|  | "Andrew" |
|  | "Andy" |
|  | "Angel" |
|  | "Angela" |
|  | "Angelina" |
|  | "Anita" |
|  | "Ann" |
|  | "Anna" |
|  | "Anne" |
|  | "Annette" |
|  | "Annie" |
|  | "Anthony" |
|  | "Antonio" |
|  | "April" |
|  | "Arlene" |
|  | "Armando" |
|  | "Arnold" |
|  | "Arthur" |
|  | "Ashley" |
|  | "Audrey" |
|  | "Austin" |
|  | "Barbara" |
|  | "Barry" |
|  | "Beatrice" |
|  | "Becky" |
|  | "Bela" |
|  | "Ben" |
|  | "Benjamin" |
|  | "Bernard" |
|  | "Bernice" |
|  | "Bertha" |
|  | "Bessie" |
|  | "Beth" |
|  | "Bette" |
|  | "Betty" |
|  | "Beverly" |
|  | "Bill" |
|  | "Billie" |
|  | "Billy" |
|  | "Bob" |
|  | "Bobbie" |
|  | "Bobby" |
|  | "Bonnie" |
|  | "Brad" |
|  | "Bradley" |
|  | "Brandon" |
|  | "Brandy" |
|  | "Brenda" |
|  | "Brent" |
|  | "Brett" |
|  | "Brian" |
|  | "Brittany" |
|  | "Bruce" |
|  | "Bryan" |
|  | "Burt" |
|  | "Byron" |
|  | "Calvin" |
|  | "Cameron" |
|  | "Carl" |
|  | "Carla" |
|  | "Carlos" |
|  | "Carmen" |
|  | "Carol" |
|  | "Carole" |
|  | "Caroline" |
|  | "Carolyn" |
|  | "Carrie" |
|  | "Cary" |
|  | "Casey" |
|  | "Cassandra" |
|  | "Cate" |
|  | "Catherine" |
|  | "Cathy" |
|  | "Cecil" |
|  | "Chad" |
|  | "Charlene" |
|  | "Charles" |
|  | "Charlie" |
|  | "Charlize" |
|  | "Charlotte" |
|  | "Cheryl" |
|  | "Chester" |
|  | "Chris" |
|  | "Christian" |
|  | "Christina" |
|  | "Christine" |
|  | "Christopher" |
|  | "Christy" |
|  | "Cindy" |
|  | "Clara" |
|  | "Clarence" |
|  | "Claude" |
|  | "Claudia" |
|  | "Clayton" |
|  | "Clifford" |
|  | "Clifton" |
|  | "Clinton" |
|  | "Clyde" |
|  | "Cody" |
|  | "Colleen" |
|  | "Connie" |
|  | "Constance" |
|  | "Corey" |
|  | "Cory" |
|  | "Courtney" |
|  | "Craig" |
|  | "Crystal" |
|  | "Cuba" |
|  | "Curtis" |
|  | "Cynthia" |
|  | "Daisy" |
|  | "Dale" |
|  | "Dan" |
|  | "Dana" |
|  | "Daniel" |
|  | "Danielle" |
|  | "Danny" |
|  | "Darlene" |
|  | "Darrell" |
|  | "Darren" |
|  | "Darryl" |
|  | "Daryl" |
|  | "Dave" |
|  | "David" |
|  | "Dawn" |
|  | "Dean" |
|  | "Deanna" |
|  | "Debbie" |
|  | "Deborah" |
|  | "Debra" |
|  | "Delores" |
|  | "Denise" |
|  | "Dennis" |
|  | "Derek" |
|  | "Derrick" |
|  | "Diana" |
|  | "Diane" |
|  | "Dianne" |
|  | "Dolores" |
|  | "Don" |
|  | "Donald" |
|  | "Donna" |
|  | "Dora" |
|  | "Doris" |
|  | "Dorothy" |
|  | "Douglas" |
|  | "Duane" |
|  | "Dustin" |
|  | "Dwayne" |
|  | "Dwight" |
|  | "Earl" |
|  | "Ed" |
|  | "Eddie" |
|  | "Edgar" |
|  | "Edith" |
|  | "Edna" |
|  | "Eduardo" |
|  | "Edward" |
|  | "Edwin" |
|  | "Eileen" |
|  | "Elaine" |
|  | "Eleanor" |
|  | "Elizabeth" |
|  | "Ella" |
|  | "Ellen" |
|  | "Elmer" |
|  | "Elsie" |
|  | "Elvis" |
|  | "Emily" |
|  | "Emma" |
|  | "Enrique" |
|  | "Eric" |
|  | "Erica" |
|  | "Erik" |
|  | "Erika" |
|  | "Erin" |
|  | "Ernest" |
|  | "Esther" |
|  | "Ethel" |
|  | "Eugene" |
|  | "Eva" |
|  | "Evelyn" |
|  | "Everett" |
|  | "Ewan" |
|  | "Fay" |
|  | "Felicia" |
|  | "Felix" |
|  | "Fernando" |
|  | "Florence" |
|  | "Floyd" |
|  | "Frances" |
|  | "Francis" |
|  | "Francisco" |
|  | "Frank" |
|  | "Franklin" |
|  | "Fred" |
|  | "Freddie" |
|  | "Frederick" |
|  | "Gabriel" |
|  | "Gail" |
|  | "Gary" |
|  | "Gene" |
|  | "Geoffrey" |
|  | "George" |
|  | "Georgia" |
|  | "Gerald" |
|  | "Geraldine" |
|  | "Gertrude" |
|  | "Gilbert" |
|  | "Gina" |
|  | "Gladys" |
|  | "Glen" |
|  | "Glenda" |
|  | "Glenn" |
|  | "Gloria" |
|  | "Goldie" |
|  | "Gordon" |
|  | "Grace" |
|  | "Greg" |
|  | "Gregory" |
|  | "Greta" |
|  | "Groucho" |
|  | "Guy" |
|  | "Gwendolyn" |
|  | "Harold" |
|  | "Harrison" |
|  | "Harry" |
|  | "Harvey" |
|  | "Hazel" |
|  | "Heather" |
|  | "Hector" |
|  | "Heidi" |
|  | "Helen" |
|  | "Henry" |
|  | "Herbert" |
|  | "Herman" |
|  | "Hilda" |
|  | "Holly" |
|  | "Howard" |
|  | "Hugh" |
|  | "Humphrey" |
|  | "Ian" |
|  | "Ida" |
|  | "Irene" |
|  | "Irma" |
|  | "Isaac" |
|  | "Ivan" |
|  | "Jack" |
|  | "Jackie" |
|  | "Jacob" |
|  | "Jacqueline" |
|  | "Jada" |
|  | "Jaime" |
|  | "James" |
|  | "Jamie" |
|  | "Jane" |
|  | "Janet" |
|  | "Janice" |
|  | "Jared" |
|  | "Jason" |
|  | "Javier" |
|  | "Jay" |
|  | "Jayne" |
|  | "Jean" |
|  | "Jeanette" |
|  | "Jeanne" |
|  | "Jeff" |
|  | "Jeffery" |
|  | "Jeffrey" |
|  | "Jennie" |
|  | "Jennifer" |
|  | "Jenny" |
|  | "Jeremy" |
|  | "Jerome" |
|  | "Jerry" |
|  | "Jesse" |
|  | "Jessica" |
|  | "Jessie" |
|  | "Jesus" |
|  | "Jill" |
|  | "Jim" |
|  | "Jimmie" |
|  | "Jimmy" |
|  | "Jo" |
|  | "Joan" |
|  | "Joann" |
|  | "Joanne" |
|  | "Jodie" |
|  | "Joe" |
|  | "Joel" |
|  | "John" |
|  | "Johnnie" |
|  | "Johnny" |
|  | "Jon" |
|  | "Jonathan" |
|  | "Jordan" |
|  | "Jorge" |
|  | "Jose" |
|  | "Joseph" |
|  | "Josephine" |
|  | "Joshua" |
|  | "Joy" |
|  | "Joyce" |
|  | "Juan" |
|  | "Juanita" |
|  | "Jude" |
|  | "Judith" |
|  | "Judy" |
|  | "Julia" |
|  | "Julian" |
|  | "Julianne" |
|  | "Julie" |
|  | "Julio" |
|  | "June" |
|  | "Justin" |
|  | "Karen" |
|  | "Karl" |
|  | "Katherine" |
|  | "Kathleen" |
|  | "Kathryn" |
|  | "Kathy" |
|  | "Katie" |
|  | "Kay" |
|  | "Keith" |
|  | "Kelly" |
|  | "Ken" |
|  | "Kenneth" |
|  | "Kent" |
|  | "Kevin" |
|  | "Kim" |
|  | "Kimberly" |
|  | "Kirk" |
|  | "Kirsten" |
|  | "Kristen" |
|  | "Kristin" |
|  | "Kristina" |
|  | "Kurt" |
|  | "Kyle" |
|  | "Lance" |
|  | "Larry" |
|  | "Laura" |
|  | "Lauren" |
|  | "Laurence" |
|  | "Laurie" |
|  | "Lawrence" |
|  | "Leah" |
|  | "Lee" |
|  | "Lena" |
|  | "Leo" |
|  | "Leon" |
|  | "Leona" |
|  | "Leonard" |
|  | "Leroy" |
|  | "Leslie" |
|  | "Lester" |
|  | "Lewis" |
|  | "Lillian" |
|  | "Lillie" |
|  | "Linda" |
|  | "Lisa" |
|  | "Liza" |
|  | "Lloyd" |
|  | "Lois" |
|  | "Lonnie" |
|  | "Loretta" |
|  | "Lori" |
|  | "Lorraine" |
|  | "Louis" |
|  | "Louise" |
|  | "Lucille" |
|  | "Lucy" |
|  | "Luis" |
|  | "Lydia" |
|  | "Lynn" |
|  | "Mabel" |
|  | "Mae" |
|  | "Manuel" |
|  | "Marc" |
|  | "Marcia" |
|  | "Marcus" |
|  | "Margaret" |
|  | "Margie" |
|  | "Maria" |
|  | "Marian" |
|  | "Marie" |
|  | "Marilyn" |
|  | "Mario" |
|  | "Marion" |
|  | "Marjorie" |
|  | "Mark" |
|  | "Marlene" |
|  | "Marsha" |
|  | "Marshall" |
|  | "Martha" |
|  | "Martin" |
|  | "Marvin" |
|  | "Mary" |
|  | "Mathew" |
|  | "Matthew" |
|  | "Mattie" |
|  | "Maureen" |
|  | "Maurice" |
|  | "Max" |
|  | "Maxine" |
|  | "Meg" |
|  | "Megan" |
|  | "Melanie" |
|  | "Melinda" |
|  | "Melissa" |
|  | "Melvin" |
|  | "Mena" |
|  | "Meryl" |
|  | "Michael" |
|  | "Micheal" |
|  | "Michele" |
|  | "Michelle" |
|  | "Miguel" |
|  | "Mike" |
|  | "Mildred" |
|  | "Milla" |
|  | "Milton" |
|  | "Minnie" |
|  | "Miriam" |
|  | "Misty" |
|  | "Mitchell" |
|  | "Monica" |
|  | "Morgan" |
|  | "Morris" |
|  | "Myrtle" |
|  | "Nancy" |
|  | "Naomi" |
|  | "Natalie" |
|  | "Nathan" |
|  | "Nathaniel" |
|  | "Neil" |
|  | "Nellie" |
|  | "Nelson" |
|  | "Nicholas" |
|  | "Nick" |
|  | "Nicole" |
|  | "Nina" |
|  | "Nora" |
|  | "Norma" |
|  | "Norman" |
|  | "Olga" |
|  | "Olympia" |
|  | "Oprah" |
|  | "Oscar" |
|  | "Pamela" |
|  | "Parker" |
|  | "Patricia" |
|  | "Patrick" |
|  | "Patsy" |
|  | "Paul" |
|  | "Paula" |
|  | "Pauline" |
|  | "Pearl" |
|  | "Pedro" |
|  | "Peggy" |
|  | "Penelope" |
|  | "Penny" |
|  | "Perry" |
|  | "Peter" |
|  | "Philip" |
|  | "Phillip" |
|  | "Phyllis" |
|  | "Priscilla" |
|  | "Rachel" |
|  | "Rafael" |
|  | "Ralph" |
|  | "Ramon" |
|  | "Ramona" |
|  | "Randall" |
|  | "Randy" |
|  | "Raul" |
|  | "Ray" |
|  | "Raymond" |
|  | "Rebecca" |
|  | "Reese" |
|  | "Regina" |
|  | "Reginald" |
|  | "Rene" |
|  | "Renee" |
|  | "Rhonda" |
|  | "Ricardo" |
|  | "Richard" |
|  | "Rick" |
|  | "Ricky" |
|  | "Rip" |
|  | "Rita" |
|  | "River" |
|  | "Robert" |
|  | "Roberta" |
|  | "Roberto" |
|  | "Robin" |
|  | "Rock" |
|  | "Rodney" |
|  | "Roger" |
|  | "Roland" |
|  | "Ron" |
|  | "Ronald" |
|  | "Ronnie" |
|  | "Rosa" |
|  | "Rose" |
|  | "Rosemary" |
|  | "Ross" |
|  | "Roy" |
|  | "Ruben" |
|  | "Ruby" |
|  | "Russell" |
|  | "Ruth" |
|  | "Ryan" |
|  | "Sally" |
|  | "Salma" |
|  | "Salvador" |
|  | "Sam" |
|  | "Samantha" |
|  | "Samuel" |
|  | "Sandra" |
|  | "Sara" |
|  | "Sarah" |
|  | "Scarlett" |
|  | "Scott" |
|  | "Sean" |
|  | "Sergio" |
|  | "Seth" |
|  | "Shane" |
|  | "Shannon" |
|  | "Sharon" |
|  | "Shawn" |
|  | "Sheila" |
|  | "Shelly" |
|  | "Sherri" |
|  | "Sherry" |
|  | "Shirley" |
|  | "Sidney" |
|  | "Sissy" |
|  | "Sonia" |
|  | "Spencer" |
|  | "Stacey" |
|  | "Stacy" |
|  | "Stanley" |
|  | "Stella" |
|  | "Stephanie" |
|  | "Stephen" |
|  | "Steve" |
|  | "Steven" |
|  | "Sue" |
|  | "Susan" |
|  | "Suzanne" |
|  | "Sylvester" |
|  | "Sylvia" |
|  | "Tamara" |
|  | "Tammy" |
|  | "Tanya" |
|  | "Tara" |
|  | "Ted" |
|  | "Teresa" |
|  | "Terrance" |
|  | "Terrence" |
|  | "Terri" |
|  | "Terry" |
|  | "Thelma" |
|  | "Theodore" |
|  | "Theresa" |
|  | "Thomas" |
|  | "Thora" |
|  | "Tiffany" |
|  | "Tim" |
|  | "Timothy" |
|  | "Tina" |
|  | "Todd" |
|  | "Tom" |
|  | "Tommy" |
|  | "Toni" |
|  | "Tony" |
|  | "Tonya" |
|  | "Tracey" |
|  | "Tracy" |
|  | "Travis" |
|  | "Troy" |
|  | "Tyler" |
|  | "Tyrone" |
|  | "Uma" |
|  | "Val" |
|  | "Valerie" |
|  | "Vanessa" |
|  | "Velma" |
|  | "Vera" |
|  | "Vernon" |
|  | "Veronica" |
|  | "Vicki" |
|  | "Vickie" |
|  | "Victor" |
|  | "Victoria" |
|  | "Vincent" |
|  | "Viola" |
|  | "Violet" |
|  | "Virgil" |
|  | "Virginia" |
|  | "Vivian" |
|  | "Vivien" |
|  | "Wade" |
|  | "Wallace" |
|  | "Walter" |
|  | "Wanda" |
|  | "Warren" |
|  | "Wayne" |
|  | "Wendy" |
|  | "Wesley" |
|  | "Whoopi" |
|  | "Will" |
|  | "Willard" |
|  | "William" |
|  | "Willie" |
|  | "Wilma" |
|  | "Woody" |
|  | "Yolanda" |
|  | "Yvonne" |
|  | "Zachary" |
|  | "Zero" |

**Senaryo 2**

select first\_name from actor

intersect

select first\_name from customer

**INTERSECT** komutu, iki sorgunun sonucunda **ortak** olan satırları bulmak için kullanılır. INTERSECT, her iki sorguda da tamamen aynı olan satırları döndürür (örneğin, tüm sütunların değerleri aynı olmalıdır). UNION ile kıyaslandığında, INTERSECT sadece kesişim kümelerini döndürürken, UNION iki kümenin birleşimini döndürür.

|  |  |
| --- | --- |
|  | "Christian" |
|  | "Kenneth" |
|  | "Ray" |
|  | "Dustin" |
|  | "Tim" |
|  | "Karl" |
|  | "Grace" |
|  | "Jane" |
|  | "Audrey" |
|  | "Lisa" |
|  | "Susan" |
|  | "Anne" |
|  | "Michael" |
|  | "Mary" |
|  | "Kevin" |
|  | "Rita" |
|  | "William" |
|  | "Renee" |
|  | "Henry" |
|  | "Natalie" |
|  | "Dan" |
|  | "Jim" |
|  | "Michelle" |
|  | "Minnie" |
|  | "Christopher" |
|  | "Tom" |
|  | "Gregory" |
|  | "Mae" |
|  | "Helen" |
|  | "Sandra" |
|  | "Sidney" |
|  | "Jeff" |
|  | "Gene" |
|  | "Ellen" |
|  | "Ian" |
|  | "Kim" |
|  | "Ben" |
|  | "Chris" |
|  | "Joe" |
|  | "Fred" |
|  | "Jennifer" |
|  | "Carmen" |
|  | "Bob" |
|  | "Laura" |
|  | "Jon" |
|  | "Daryl" |
|  | "Jessica" |
|  | "Johnny" |
|  | "Harvey" |
|  | "Walter" |
|  | "Gary" |
|  | "Gina" |
|  | "John" |
|  | "Alan" |
|  | "Debbie" |
|  | "James" |
|  | "Julia" |
|  | "Kirk" |
|  | "Judy" |
|  | "Lucille" |
|  | "Ralph" |
|  | "Sean" |
|  | "Adam" |
|  | "Albert" |
|  | "Emily" |
|  | "Greg" |
|  | "Frances" |
|  | "Angela" |
|  | "Warren" |
|  | "Matthew" |
|  | "Richard" |
|  | "Russell" |

**Senaryo 3**

select first\_name from actor

except

select first\_name from customer

Bu sorgu, actor tablosunda bulunan ancak customer tablosunda bulunmayan tüm first\_name değerlerini listeleyecektir. Eğer bir isim hem actor hem de customer tablosunda varsa, bu isim EXCEPT işlemi sonucunda gösterilmez.

**Not:** Bu işlem, tabloya bağlı olarak first\_name sütununda yer alan isimlerin tam olarak eşleşmesi durumunda geçerli olur. İsimlerin büyük/küçük harf duyarlılığı veya boşluk gibi farklılıklar varsa, bunlar da göz önünde bulundurulur.

Firs\_name

|  |  |
| --- | --- |
|  | "Bela" |
|  | "Olympia" |
|  | "Cameron" |
|  | "Uma" |
|  | "Sylvester" |
|  | "Spencer" |
|  | "Humphrey" |
|  | "Fay" |
|  | "Burt" |
|  | "Thora" |
|  | "Cuba" |
|  | "Penelope" |
|  | "Jada" |
|  | "Zero" |
|  | "Greta" |
|  | "Alec" |
|  | "Meg" |
|  | "Woody" |
|  | "Liza" |
|  | "Scarlett" |
|  | "Milla" |
|  | "Cate" |
|  | "Salma" |
|  | "Rip" |
|  | "Vivien" |
|  | "Meryl" |
|  | "Harrison" |
|  | "Cary" |
|  | "Nick" |
|  | "Bette" |
|  | "Rock" |
|  | "Laurence" |
|  | "Geoffrey" |
|  | "Jude" |
|  | "Ed" |
|  | "Val" |
|  | "Will" |
|  | "Parker" |
|  | "Jayne" |
|  | "Elvis" |
|  | "Whoopi" |
|  | "Morgan" |
|  | "Jodie" |
|  | "River" |
|  | "Sissy" |
|  | "Groucho" |
|  | "Julianne" |
|  | "Oprah" |
|  | "Mena" |
|  | "Reese" |
|  | "Al" |
|  | "Kirsten" |
|  | "Goldie" |
|  | "Charlize" |
|  | "Angelina" |
|  | "Ewan" |