Kosta Nikopoulos February 8th, 2021

<u>Lab 3</u>

1)

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--1) List all products that are stored in New Jersey.

Select p.product_name, p.p_description, p.list_price, w.warehouse_name,
i.quantity, l.location_id, l.state

From products p, warehouses w, inventories i, locations l
--Join the sets

Where i.warehouse_id = w.warehouse_id

AND w.location_id = l.location_id

AND i.product_id = p.product_id

AND l.location_id = 7
```


		UST_PRICE WAREHOUSE_NAME	QUANTITY LOCATION_ID STATE
1 Intel Xeon E5-2697 V4	Speed:2.3GHz,Cores:18,TDP:145W	2554.99 New Jersey	100 7 New Jerse
2 Intel Xeon E5-2695 V3	Speed:2.3GHz,Cores:14,TDP:120W	2431.95 New Jersey	112 7 New Jerse
3 Intel Xeon E5-2697 V2	Speed:2.7GHz,Cores:12,TDP:130W	2377.09 New Jersey	66 7 New Jerse
4 Intel Xeon E5-2695 V2	Speed:2.4GHz,Cores:12,TDP:115W	2259.99 New Jersey	94 7 New Jerse
5 Intel Xeon E5-2687W V3	Speed:3.1GHz,Cores:10,TDP:160W	2064.99 New Jersey	69 7 New Jerse
6 Intel Xeon E5-2687W V4	Speed:3.0GHz,Cores:12,TDP:160W	2042.69 New Jersey	73 7 New Jerse
7 Intel Xeon E5-2690 V4	Speed: 2.6GHz, Cores: 14, TDP: 135W	1994.49 New Jersey	87 7 New Jerse
8 Intel Xeon E5-2690 V3	Speed: 2.6GHz, Cores: 12, TDP: 135W	1908.73 New Jersey	93 7 New Jerse
9 Intel Xeon E5-2683 V4	Speed:2.1GHz,Cores:16,TDP:120W	1899.99 New Jersey	107 7 New Jerse
10 Intel Xeon E5-2699 V4	Speed:2.2GHz,Cores:22,TDP:145W	1756 New Jersey	181 7 New Jerse
11 Intel Xeon E5-1680 V3	Speed:3.2GHz,Cores:8,TDP:140W	1751.99 New Jersey	181 7 New Jerse
12 Intel Xeon E5-2643 V4	Speed:3.4GHz,Cores:6,TDP:135W	1708.86 New Jersey	181 7 New Jerse
13 Intel Xeon E5-1650 V3	Speed:3.5GHz,Cores:6,TDP:140W	564.89 New Jersey	101 7 New Jerse
14 Intel Core i7-5930K	Speed:3.5GHz,Cores:6,TDP:140W	554.99 New Jersey	136 7 New Jerse
5 PNY VCQP6000-PB	Chipset:Quadro P6000,Memory:24GBCore Clock:1.42GHz	5499.99 New Jersey	136 7 New Jerse
6 PNY VCQM6000-PB	Chipset:Quadro M6000,Memory:12GBCore Clock:988MHz	3254.99 New Jersey	181 7 New Jerse
17 ATI FirePro W9000	Chipset:FirePro W9000,Memory:6GBCore Clock:975MHz	3192.97 New Jersey	127 7 New Jerse
18 ATI FirePro S9150	Chipset:FirePro S9150,Memory:16GBCore Clock:900MHz	3177.44 New Jersey	135 7 New Jerse
9 AMD FirePro W9100	Chipset:FirePro W9100,Memory:16GBCore Clock:930MHz	2998.89 New Jersey	142 7 New Jerse
0 EVGA 12G-P4-3992-KR	Chipset:GeForce GTX Titan Z, Memory:12GBCore Cloc	2799.99 New Jersey	126 7 New Jerse
1 AMD 100-505989	Chipset:FirePro W9100,Memory:32GBCore Clock:930MHz	2699.99 New Jersey	88 7 New Jerse
2 PNY VCQK6000-PB	Chipset:Quadro K6000,Memory:12GBCore Clock:902MHz	2290.79 New Jersey	89 7 New Jerse
3 PNY VCQP5000-PB	Chipset:Quadro P5000,Memory:16GBCore Clock:1.61GHz	2015.11 New Jersey	90 7 New Jerse
4 ATI FirePro S9050	Chipset:FirePro S9050,Memory:12GBCore Clock:900MHz	1699 New Jersey	197 7 New Jerse
5 AMD 100-5056062	Chipset: Vega Frontier Edition Liquid, Memory: 16GB	1499.99 New Jersey	108 7 New Jerse
6 AMD 100-506061	Chipset:Vega Frontier Edition, Memory:16GBCore Cl	999.99 New Jersey	246 7 New Jerse
7 PNY VCQK4200-PB	Chipset:Quadro K4200,Memory:4GBCore Clock:771MHz	949.89 New Jersey	245 7 New Jerse
8 MSI GTX 1080 TI LIGHTN	Chipset:GeForce GTX 1080 Ti,Memory:llGBCore Cloc	873.98 New Jersey	246 7 New Jerse
9 Asus ROG-POSEIDON-GTX1	Chipset:GeForce GTX 1080 Ti,Memory:11GBCore Cloc	864.98 New Jersey	227 7 New Jerse
0 MSI GTX 1080 TI LIGHTN	Chipset:GeForce GTX 1080 Ti,Memory:11GBCore Cloc	863.98 New Jersey	185 7 New Jerse
1 Zc ZT-P10810A-10P	Chipset:GeForce GTX 1080 Ti,Memory:llGBCore Cloc	849.99 New Jersey	89 7 New Jerse
2 MSI GAMING	Chipset:GeForce GTX 780 Ti, Memory:3GBCore Clock:	849.99 New Jersey	127 7 New Jerse
3 Gigabyte GV-N108TAORUS	Chipset:GeForce GTX 1080 Ti,Memory:11GBCore Cloc	824.98 New Jersey	90 7 New Jerse
4 Zc ZT-70203-10P	Chipset:GeForce GTX 780,Memory:3GBCore Clock:1.0	820.61 New Jersey	131 7 New Jerse
5 EVGA 11G-P4-6598-KR	Chipset:GeForce GTX 1080 Ti,Memory:11GBCore Cloc	809.99 New Jersey	126 7 New Jerse
6 Corsair CB-9060011-WW	Chipset:GeForce GTX 1080 Ti,Memory:11GBCore Cloc	799.99 New Jersey	88 7 New Jerse
7 MSI GTX 1080 TI AERO 1	Chipset:GeForce GTX 1080 Ti,Memory:llGBCore Cloc	798.26 New Jersey	146 7 New Jerse
B NVIDIA VCQM4000-PB	Chipset:Quadro M4000,Memory:8GBCore Clock:N/A	790 New Jersey	146 7 New Jerse
_	Chipset:GeForce GTX 1070,Memory:8GBCore Clock:1	-	304 7 New Jerse
	Chipset:GeForce GTX 1080 Ti,Memory:llGBCore Cloc		273 7 New Jerse
1 EVGA 11G-P4-6696-KR	Chipset:GeForce GTX 1080 Ti,Memory:11GBCore Cloc	759.99 New Jersey	118 7 New Jerse
	Chipset:GeForce GTX 1080 Ti,Memory:11GBCore Cloc		272 7 New Jerse
3 Zc ZT-P10810C-10P	Chipset:GeForce GTX 1080 Ti,Memory:11GBCore Cloc		273 7 New Jerse
44 Zc ZT-P10810D-10P	Chipset:GeForce GTX 1080 Ti,Memory:11GBCore Cloc	759.99 New Jersey	304 7 New Jerse

```
--2) List all orders that were placed by the customer whose ID is 45. The output

Select o.order_id, o.status, oi.item_id, oi.unit_price, e.employee_id, e.first_name, c.name, c.customer_id

From orders o, order_item oi, employees e, customers c

Where o.order_id = oi.order_id

AND o.customer_id = c.customer_id

AND e.employee_id = o.salesman_id

AND o.customer_id = 45
```

Query Result ×

*	4	(4)	*	SQL	All Rows Fetched: 16 in 0.007 seconds
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	♦ ORDER_ID			UNIT_PRICE	\$ EMPLOYEE_ID		NAME	\$ CUSTOMER_ID
1	70	Canceled	7	469.99	61	Daisy	CenturyLink	45
2	102	Shipped	3	339.99	61	Daisy	CenturyLink	45
3	70	Canceled	1	873.98	61	Daisy	CenturyLink	45
4	95	Shipped	1	1676.98	59	Chloe	CenturyLink	45
5	102	Shipped	1	1099.99	61	Daisy	CenturyLink	45
6	70	Canceled	2	829.99	61	Daisy	CenturyLink	45
7	95	Shipped	2	402.99	59	Chloe	CenturyLink	45
8	70	Canceled	3	2042.69	61	Daisy	CenturyLink	45
9	95	Shipped	3	549.59	59	Chloe	CenturyLink	45
10	70	Canceled	4	1499.89	61	Daisy	CenturyLink	45
11	95	Shipped	4	804.98	59	Chloe	CenturyLink	45
12	102	Shipped	2	109.99	61	Daisy	CenturyLink	45
13	70	Canceled	5	594.99	61	Daisy	CenturyLink	45
14	95	Shipped	5	644	59	Chloe	CenturyLink	45
15	70	Canceled	6	8867.99	61	Daisy	CenturyLink	45
16	95	Shipped	6	660	59	Chloe	CenturyLink	45

```
--3) List the contact information of all customers.

Select co.first_name, co.email, co.phone, cu.name, cu.address, co.customer_id

From contacts co, customers cu

Where

co.customer_id = cu.customer_id
```

Query Result X All Rows Fetched: 319 in 0.01 seconds NAME ⊕ CUSTOMER ID 1 Lashunda lashunda.davidson@statestreet.com +91 80 012 3717 State Street Corp. 1607 Abwdrts St, Bangalore, Kar +91 80 012 3719 Unum Group arlette.thornton@unum.com 1608 Amadeus St, Bangalore, Kar 3 Darron darron.robertson@reynoldsameri... +91 80 012 3723 Reynolds American 1610 Betrayal Crt, Bangalore, Kar 309 +91 80 012 3731 Group 1 Automve 4 Charlsie charlsie.carev@grouplauto.com 1614 Crackers Rd. Bangalore - India, Kar 311 5 Frank frank.shannon@henryschein.com +91 80 012 3733 Henry Schein 1615 Crackers Crt, Bangalore - India, Kar 312 +91 80 012 3739 Norfolk Southern 1618 Fooose St, Bangalore - India, Kar 6 Ed ed.mueller@nscorp.com 315 7 Colleen colleen.estrada@rgare.com +91 80 012 3741 Reinsurance Group... 1619 Fooose Rd, Bangalore - India, Kar nikia.kent@pseg.com +91 80 012 3745 Public Service En... 1621 Gargon! Blvd, Bangalore - India, Kar 9 Tess +1 313 123 4219 DTE Energy tess.r@dteenergy.com 8110 Jackson Rd, Ann Arbor, MI 10 Rena rena.arnold@assurant.com +1 517 123 4228 Assurant 101 N Falahee Rd, Jackson, MI 27 11 Sasha sasha.wallace@huntsman.com +1 319 123 4271 Huntsman 555 John F Kennedy Rd, Dubuque, IA 37 12 Eboni eboni.jarvis@bd.com +1 319 123 4288 Becton Dickinson 1691 Asbury Rd, Dubuque, IA 13 Royanna +1 612 123 4408 AutoZone 113 N 1St St, Minneapolis, MN roxanna.wade@autozone.com 68 +1 612 123 4434 Navistar Internat... 1409 Willow St # 600, Minneapolis, MN 14 Harriette harriette.melton@navistar.com jannet.elli@discoverfinancial.com +1 716 123 4575 Discover Financia... 85 High St, Buffalo, NY 16 Rayna rayna.tran@libertyinteractive.com +1 518 123 4617 Liberty Interactive 2979 Hamburg St, Schenectady, NY 17 Sharee sharee.carver@baxter.com +1 215 123 4738 Baxter International 810 Race St, Philadelphia, PA 116 18 Delpha delpha.golden@stryker.com +1 215 123 4743 Stryker 135 S 18Th St # 1, Philadelphia, PA 120 19 Tandy tandy.ramsey@wnr.com +1 215 123 4771 Western Refining 5565 Baynton St, Philadelphia, PA 130 +1 712 123 4284 Universal Health ... 1751 Madison Ave, Council Bluffs, IA 20 Princess princess.jones@uhsinc.com 154 emery.schneider@owens-minor.com +1 320 123 4385 Owens & Minor 310 Broadway St, Alexandria, MN 21 Emery 22 Arlene arlene.elli@advanceautoparts.com +1 313 123 4167 Advance Auto Parts 2674 Collingwood St, Detroit, MI 168 23 Jackeline jackeline.finley@mastercard.com +1 313 123 4240 MasterCard 660 Woodward Ave # 2290, Detroit, MI 172 +81 565 012 4567 Eastman Chemical 24 Colette colette.estrada@eastman.com 2017 Convov St. Tokvo. 198 collene.newton@sonicautomve.com +39 49 012 4373 Sonic Automve 25 Collene Piazza Del Congresso 22. San Giminiano. 202 jaleesa.bowen@cstbrands.com 26 Jaleesa +66 76 012 4633 CST Brands 2033 Spartacus St, Samutprakarn, 210 +39 2 012 4775 eBay 27 Tandy tandy.house@ebay.com Via Del Disegno 194, Milano, 214 yolanda.ball@gamestopcorp.com 28 Yolanda +91 80 012 4809 GameStop 1605 Bazigar Crt, Pune, 29 Bobby bobby.wilson@rsac.com +91 11 012 4817 Reliance Steel & ... 1609 Pakija Rd, New Delhi, 225 30 Myrna +91 80 012 4931 Celgene myrna.romero@celgene.com 1667 2010 St, Batavia, Ker 247 +39 6 012 4507 | Genworth Financial | Piazza Svizzera, Roma, 31 Marianne marianne.bryant@genworth.com 250 32 Herb herb.sloan@pricelinegroup.com +39 10 012 4387 Priceline Group Via Nriosa 1943, Ventimiglia, 258 33 Peter peter.gamble@mgmresorts.com +39 49 012 4411 MGM Resorts Inter... Piazza Svizzera, San Giminiano, 262 +41 57 012 3529 Fidelity National... Sonnenberg 4, Baden-Daettwil, AG 34 Sherron sherron.flores@fnf.com 35 Charlene charlene.booker@republicservic... +41 61 012 3537 Republic Services Kreuzritterplatz 5, Baden-Daettwil, AG +91 80 012 3687 Peter Kiewit Sons? 1592 Silverado St, Bangalore, Kar 36 Ellv elly.salinas@kiewit.com 298 37 Daina +91 80 012 3715 Mosaic 1606 Volunteers Blvd, Bangalore, Kar daina.combs@mosaicco.com 306 38 Maple maple.barnett@core-mark.com +91 80 012 3725 Core-Mark Holding 1611 Carmen Blvd, Bangalore, Kar 310 39 Amber amber.bradv@c-a-m.com +91 80 012 3837 Cameron Internati... 1667 2010 St, Batavia, IL 318 40 Maryrose maryrose.roberson@xcelenergy.com +41 70 012 3583 Xcel Energy 1540 Stripes Crt, Baden-Daettwil, AG 297 janeen.holt@statefarm.com 41 Janeen +1 412 123 4763 State Farm Insura... 223 4Th Ave # 1100, Pittsburgh, PA 42 Debra debra.herring@jnj.com +1 301 123 4794 Johnson & Johnson 5640 Fishers Ln, Rockville, MD 43 Leandro leandro.west@marathonpetroleum... +1 410 123 4805 Marathon Petroleum 4301 Ashland Ave, Baltimore, MD 134 +1 410 123 4813 Aetna 44 Philomena philomena.elli@aetna.com 200 E Fort Ave, Baltimore, MD 138 45 Lauren lauren.rodriguez@aig.com +1 410 123 4817 ATG 12817 Coastal Hwy, Ocean City, MD 141 46 Ha ha.lowe@intel.com +1 301 123 4819 Intel 9435 Washington Blvd N # M, Laurel, MD 143 elvera.benson@pfizer.com 47 Elvera +1 507 123 4387 Pfizer 206 S Broadway # 707, Rochester, MN 147 48 Mae mae.wilkinson@fedex.com +1 616 123 4190 FedEx 2215 Oak Industrial Dr Ne, Grand Rapids, MI +1 319 123 4269 New York Life Ins... 215 4Th Ave Se, Cedar Rapids, IA 49 Heike heike.emerson@newyorklife.com glinda.lambert@ingrammicro.com +1 414 123 4364 Ingram Micro 50 Glinda 4811 S 76Th St # 205, Milwaukee, WI 157 51 Jamee jamee.mclaughlin@aa.com +1 716 123 4582 American Airlines... 800 Carter St. Rochester, NY 161 52 Solange solange.gates@johnsoncontrols.com +1 215 123 4749 Johnson Controls 6Th And Master St. Philadelphia, PA 165 53 Christal +1 616 123 4166 Goldman Sachs Group 23985 Bedford Rd N, Battle Creek, MI 170 christal.grant@gs.com +1 716 123 4485 Oracle 54 Yolando yolando.wilkerson@oracle.com 701 Seneca St, Buffalo, NY 174

felicita.alston@unitedcontinen... +1 315 123 4585 United Continenta... 2904 S Salina St, Syracuse, NY

38 PNY VCQP5000-PB

39 PNY VCOP5000-PB

40 Gigabyte GV-N108TAORUSX W-11GD

41 Gigabyte GV-N108TAORUSX W-11GD

42 Gigabyte GV-N108TAORUSX W-11GD

43 Gigabyte GV-N108TAORUSX W-11GD

44 Gigabyte GV-N108TAORUSX W-11GD

45 Gigabyte GV-N108TAORUSX W-11GD

46 G.Skill Ripjaws V Series

47 G.Skill Ripjaws V Series

48 G.Skill Ripjaws V Series

49 G.Skill Ripjaws V Series

50 G.Skill Trident Z

51 G.Skill Trident Z

54 Crucial

55 Crucial

52 Corsair Vengeance LPX

53 Corsair Vengeance LPX

2015.11 Toronto

2015.11 Mexico City

824.98 New Jersev

824.98 Mexico City

704.99 San Francisco

704.99 San Francisco

725.99 San Francisco

799 San Francisco

824.98 Toronto

824.98 Southlake, Texas

824.98 San Francisco

824.98 Seattle, Washington Washington

704.99 Seattle, Washington Washington

704.99 Seattle, Washington Washington

725.99 Seattle, Washington Washington

699.01 San Francisco California

699.01 Seattle, Washington Washington

799 Seattle Washington Washington

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--4) Find all products that are provided in the Americas.
  Select p.product name, p.list price, w.warehouse name, l.state, co.country name, r.region name, r.region id
  From products p, warehouses w, inventories i, locations l, regions r, countries co
  Where i.warehouse id = w.warehouse id
      AND w.location_id = l.location_id
      AND i.product_id = p.product_id
      AND 1.country_id = co.country_id
      AND co.region id = r.region id
      AND r.region id = 2
Ouerv Result X
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    COUNTRY_NAME

                   A PRODUCT NAME
                                                            New Jersey
                                   2554.99 New Jersey
    1 Intel Xeon E5-2697 V4
                                                                            United States of America Americas
    2 Intel Xeon E5-2697 V4
                                    2554.99 Toronto
                                                            Ontario
                                                                            Canada
                                                                                                  Americas
    3 Intel Xeon E5-2697 V4
                                    2554.99 Mexico City
                                                            Distrito Federal, Mexico
                                                                                                   Americas
                                    799.99 Southlake, Texas Texas
    4 Corsair CB-9060011-WW
                                                                            United States of America Americas
                                     799.99 San Francisco
                                                            California
                                                                            United States of America Americas
    5 Corsair CB-9060011-WW
    6 Corsair CB-9060011-WW
                                     799.99 New Jersey
                                                            New Jersey
                                                                            United States of America Americas
                                     799.99 Seattle, Washington Washington
    7 Corsair CB-9060011-WW
                                                                            United States of America Americas
                            799.99 Toronto
                                                      Ontario
   8 Corsair CB-9060011-WW
                                                                            Canada
                                                                                                   Americas
    9 Corsair CB-9060011-WW
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                                                            Distrito Federal, Mexico
                                                                                                   Americas
   10 AMD 100-505989
                                    2699.99 Southlake, Texas
                                                            Texas
                                                                            United States of America Americas
                                   2699.99 San Francisco
   11 AMD 100-505989
                                                            California
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   12 AMD 100-505989
                                    2699.99 New Jersey
                                                            New Jersey
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                                    2699.99 Seattle, Washington Washington
   13 AMD 100-505989
                                                                            United States of America Americas
   14 AMD 100-505989
                                    2699.99 Toronto
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   15 AMD 100-505989
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                                    2290.79 Southlake, Texas
   16 PNY VCQK6000-PB
                                                                            United States of America Americas
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                                    2290.79 San Francisco
   17 PNY VCOK6000-PB
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   18 PNY VCQK6000-PB
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   19 PNY VCOK6000-PB
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   20 PNY VCOK6000-PB
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   21 PNY VCOK6000-PB
                                    2290.79 Mexico City
                                                            Distrito Federal, Mexico
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   22 Zc ZT-P10810A-10P
                                    849.99 Southlake, Texas Texas
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                                     849.99 San Francisco
   23 Zc ZT-P10810A-10P
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   24 Zc ZT-P10810A-10P
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                                                            New Jersey
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   25 Zc ZT-P10810A-10P
                                    849.99 Seattle, Washington Washington
                                                                           United States of America Americas
   26 Zc ZT-P10810A-10P
                                    849.99 Toronto
                                                                            Canada
                                                            Ontario
                                                                                                   Americas
   27 Zc ZT-P10810A-10P
                                     849.99 Mexico City
                                                            Distrito Federal, Mexico
                                                                                                   Americas
   28 G.Skill Ripjaws V Series
                                    680.99 San Francisco
                                                            California United States of America Americas
   29 G.Skill Ripjaws V Series
                                  680.99 Seattle, Washington Washington
                                                                            United States of America Americas
                                                            California
   30 Intel Xeon E5-1650 V4
                                     601.99 San Francisco
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                                     601.99 Seattle, Washington Washington
   31 Intel Xeon E5-1650 V4
                                                                            United States of America Americas
   32 Intel Xeon E5-2640 V4
                                    899.99 San Francisco California
                                                                            United States of America Americas
                                    899.99 Seattle, Washington Washington
   33 Intel Xeon E5-2640 V4
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                                    2015.11 Southlake, Texas Texas
   34 PNY VCOP5000-PB
                                                                            United States of America Americas
                                    2015.11 San Francisco
   35 PNY VCQP5000-PB
                                                            California
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   36 PNY VCOP5000-PB
                                    2015.11 New Jersey
                                                            New Jersev
                                                                            United States of America Americas
   37 PNY VCQP5000-PB
                                    2015.11 Seattle, Washington Washington
                                                                            United States of America Americas
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Ontario

Texas

California

New Jersev

California

California

California

California

Distrito Federal, Mexico

Distrito Federal, Mexico

Canada

Canada

Americas

Americas

Americas

United States of America Americas