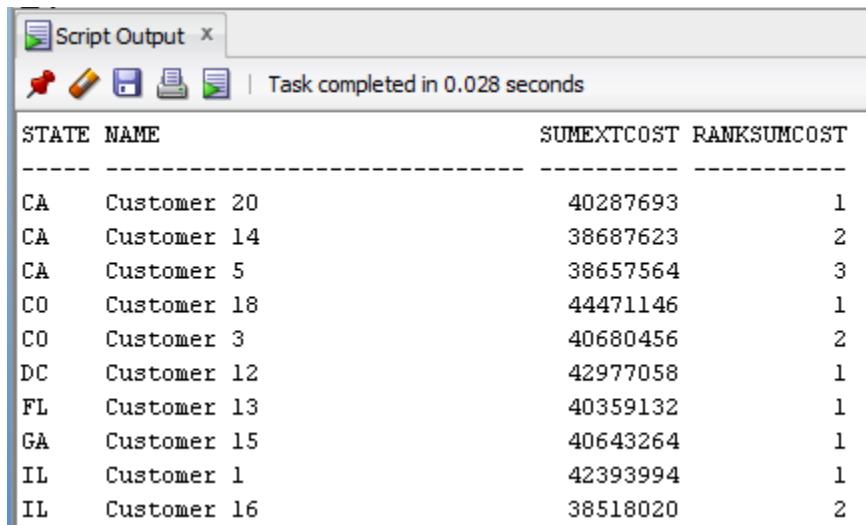


Problem 2 Solution

Query 2: Ranking within a partition**Solution:**

```
SELECT c.State, c.Name, SUM(Extcost) SumExtCost, RANK() OVER ( PARTITION BY State
ORDER BY SUM(Extcost) DESC ) AS RankSumCost
FROM Inventory_fact i, Cust_vendor_dim c
WHERE i.custvendorkey = c.custvendorkey
AND i.transtypekey = 5
GROUP BY c.state, c.Name
ORDER BY c.State;
```



STATE	NAME	SUMEXTCOST	RANKSUMCOST
CA	Customer 20	40287693	1
CA	Customer 14	38687623	2
CA	Customer 5	38657564	3
CO	Customer 18	44471146	1
CO	Customer 3	40680456	2
DC	Customer 12	42977058	1
FL	Customer 13	40359132	1
GA	Customer 15	40643264	1
IL	Customer 1	42393994	1
IL	Customer 16	38518020	2