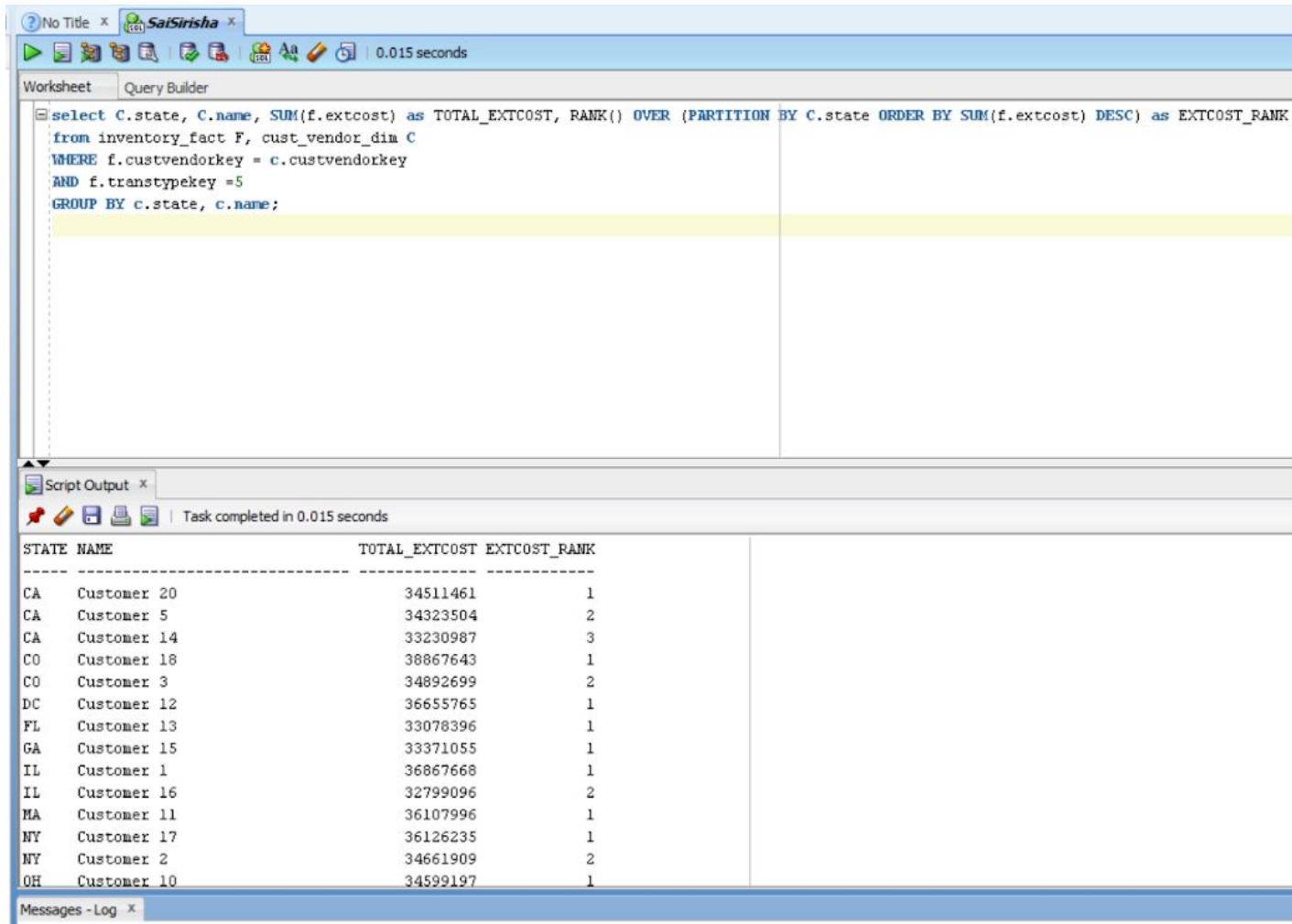


QUERY 2

```
select C.state, C.name, SUM(f.extcost) as TOTAL_EXTCOST, RANK() OVER (PARTITION BY
C.state ORDER BY SUM(f.extcost) DESC) as EXTCOST_RANK
from inventory_fact F, cust_vendor_dim C
WHERE f.custvendorkey = c.custvendorkey
AND f.transtypekey =5
GROUP BY c.state, c.name;
```



The screenshot shows a SQL query execution interface. The top section displays the query in a 'Query Builder' window. The query is:
select C.state, C.name, SUM(f.extcost) as TOTAL_EXTCOST, RANK() OVER (PARTITION BY C.state ORDER BY SUM(f.extcost) DESC) as EXTCOST_RANK
from inventory_fact F, cust_vendor_dim C
WHERE f.custvendorkey = c.custvendorkey
AND f.transtypekey =5
GROUP BY c.state, c.name;
The bottom section shows the 'Script Output' window with the results of the query. The results are displayed in a table with three columns: STATE, NAME, and EXTCOST_RANK. The table contains 18 rows of data, showing the total cost and rank for each customer across different states.

STATE	NAME	TOTAL_EXTCOST	EXTCOST_RANK
CA	Customer 20	34511461	1
CA	Customer 5	34323504	2
CA	Customer 14	33230987	3
CO	Customer 18	38867643	1
CO	Customer 3	34892699	2
DC	Customer 12	36655765	1
FL	Customer 13	33078396	1
GA	Customer 15	33371055	1
IL	Customer 1	36867668	1
IL	Customer 16	32799096	2
MA	Customer 11	36107996	1
NY	Customer 17	36126235	1
NY	Customer 2	34661909	2
OH	Customer 10	34599197	1