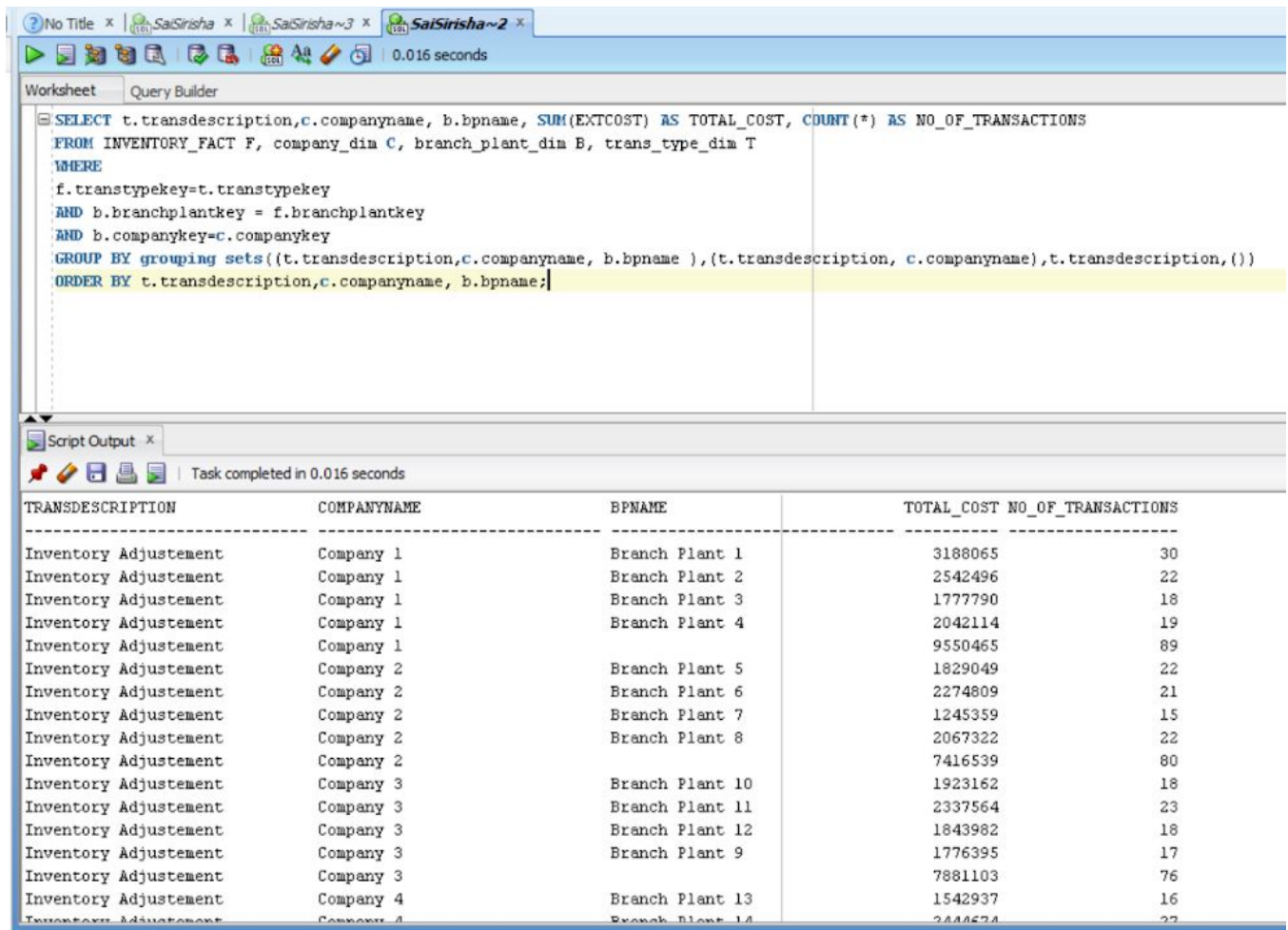


#### QUERY 4

```
SELECT t.transdescription,c.companyname, b.bpname, SUM(EXTCOST) AS TOTAL_COST,
COUNT(*) AS NO_OF_TRANSACTIONS
FROM INVENTORY_FACT F, company_dim C, branch_plant_dim B, trans_type_dim T
WHERE
f.transtypekey=t.transtypekey
AND b.branchplantkey = f.branchplantkey
AND b.companykey=c.companykey
GROUP BY grouping sets((t.transdescription,c.companyname, b.bpname ),(t.transdescription,
c.companyname),t.transdescription,())
ORDER BY t.transdescription,c.companyname, b.bpname;
```



The screenshot shows a database query tool interface. The top part displays the SQL query in a text editor. The bottom part shows the results of the query in a table format. The table has five columns: TRANSDESCRIPTION, COMPANYNAME, BPNAME, TOTAL\_COST, and NO\_OF\_TRANSACTIONS. The results show 20 rows of data, all representing 'Inventory Adjustment' transactions across four companies and 14 branch plants.

TRANSDESCRIPTION	COMPANYNAME	BPNAME	TOTAL_COST	NO_OF_TRANSACTIONS
Inventory Adjustment	Company 1	Branch Plant 1	3188065	30
Inventory Adjustment	Company 1	Branch Plant 2	2542496	22
Inventory Adjustment	Company 1	Branch Plant 3	1777790	18
Inventory Adjustment	Company 1	Branch Plant 4	2042114	19
Inventory Adjustment	Company 1		9550465	89
Inventory Adjustment	Company 2	Branch Plant 5	1829049	22
Inventory Adjustment	Company 2	Branch Plant 6	2274809	21
Inventory Adjustment	Company 2	Branch Plant 7	1245359	15
Inventory Adjustment	Company 2	Branch Plant 8	2067322	22
Inventory Adjustment	Company 2		7416539	80
Inventory Adjustment	Company 3	Branch Plant 10	1923162	18
Inventory Adjustment	Company 3	Branch Plant 11	2337564	23
Inventory Adjustment	Company 3	Branch Plant 12	1843982	18
Inventory Adjustment	Company 3	Branch Plant 9	1776395	17
Inventory Adjustment	Company 3		7881103	76
Inventory Adjustment	Company 4	Branch Plant 13	1542937	16
Inventory Adjustment	Company 4	Branch Plant 14	2444674	27