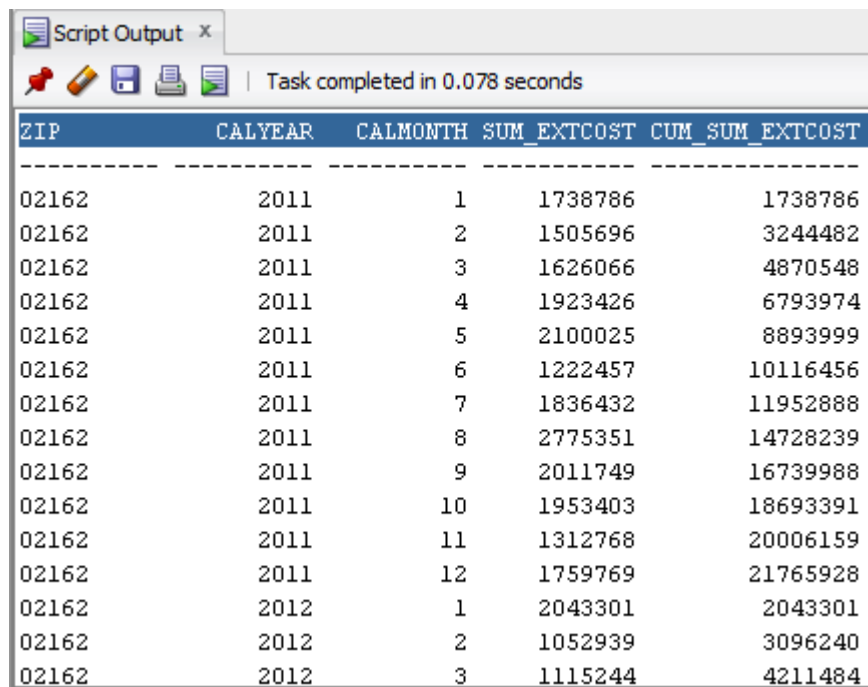


## Problem 5 Solution

***Query 5: Cumulative extended costs for a partition*****Solution:**

```
SELECT c.Zip, d.CalYear, d.CalMonth, SUM (ExtCost) AS Sum_ExtCost, SUM (SUM  
(ExtCost)) OVER  
    (PARTITION BY c.Zip, d.CalYear ORDER BY c.Zip, d.CalYear, d.CalMonth ROWS  
UNBOUNDED PRECEDING) AS Cum_Sum_ExtCost  
FROM Inventory_fact i, Cust_vendor_dim c, Date_dim d  
WHERE i.custvendorkey = c.custvendorkey  
AND i.datekey = d.datekey  
AND i.transtypekey = 5  
GROUP BY c.Zip, d.CalYear, d.CalMonth;
```

## Problem 5 Solution



ZIP	CALYEAR	CALMONTH	SUM_EXTCOST	CUM_SUM_EXTCOST
02162	2011	1	1738786	1738786
02162	2011	2	1505696	3244482
02162	2011	3	1626066	4870548
02162	2011	4	1923426	6793974
02162	2011	5	2100025	8893999
02162	2011	6	1222457	10116456
02162	2011	7	1836432	11952888
02162	2011	8	2775351	14728239
02162	2011	9	2011749	16739988
02162	2011	10	1953403	18693391
02162	2011	11	1312768	20006159
02162	2011	12	1759769	21765928
02162	2012	1	2043301	2043301
02162	2012	2	1052939	3096240
02162	2012	3	1115244	4211484