

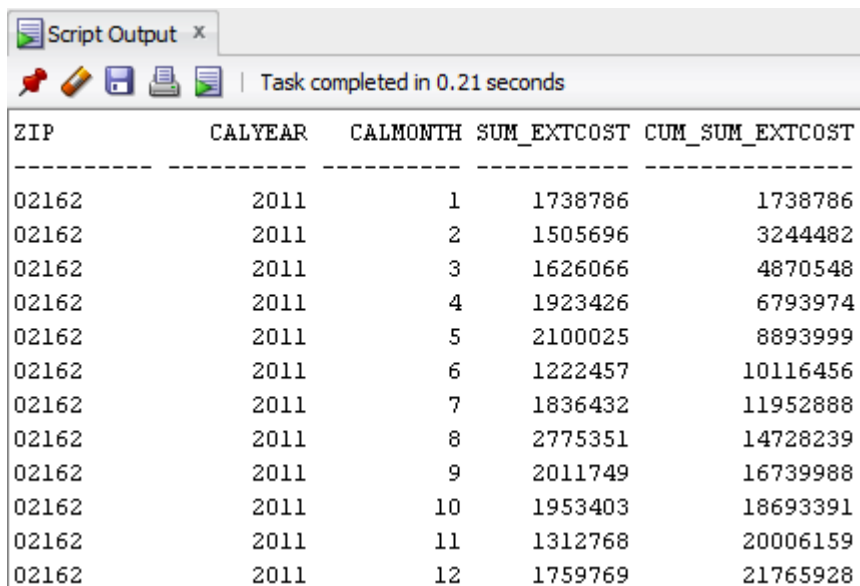
## Problem 4 Solution

**Query 4: Cumulative extended costs for the entire result****Solution:**

```

SELECT c.Zip, d.CalYear, d.CalMonth, SUM (ExtCost) AS Sum_ExtCost, SUM (SUM
(ExtCost)) OVER
    (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;

```



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