

*/\**  
WITH구문을 통해 생성된 VIEW가 여러번 참조되면, 참조된 횟수만큼 해당 VIEW에 대한 Table Scan이 발생함

*no-merge with*

```
WITH FIRST_WITH AS(  
  SELECT /*+ INLINE NO_MERGE */  
    CNO,  
    CNAME,  
    PNO,  
    ROW_NUMBER() OVER(ORDER BY CNO DESC) AS RNK  
  FROM COURSE  
  WHERE CNO LIKE '%2%'  
) ,
```

```
SECOND_WITH AS (  
  SELECT /*+ INLINE NO_MERGE */  
    B.PNO,  
    A.PNAME,  
    B.CNO  
  FROM PROFESSOR A, FIRST_WITH B  
  WHERE A.PNO = B.PNO  
) ,
```

```
THIRD_WITH AS (  
  SELECT /*+ INLINE NO_MERGE */  
    B.SNO,  
    B.CNO,  
    B.RESULT  
  FROM FIRST_WITH A, SCORE B  
  WHERE A.CNO = B.CNO  
)
```

```
SELECT B.SNO,  
       B.CNO,  
       A.PNO,  
       A.PNAME,  
       B.RESULT  
FROM SECOND_WITH A, THIRD_WITH B  
WHERE A.CNO = B.CNO;
```

Id	Operation	Name	E-Rows	OMem	lMem	Used-Mem
0	SELECT STATEMENT					
* 1	HASH JOIN		2400	1011K	1011K	1264K (0)
2	VIEW		36			
* 3	HASH JOIN		36	1096K	1096K	1215K (0)
4	TABLE ACCESS FULL	PROFESSOR	24			
* 5	TABLE ACCESS FULL	COURSE	37			
6	VIEW		2533			
* 7	HASH JOIN		2533	1397K	1397K	1215K (0)
8	VIEW		37			
* 9	TABLE ACCESS FULL	COURSE	37			
10	TABLE ACCESS FULL	SCORE	2601			

Predicate Information (identified by operation id):

- 1 - access("A"."CNO"="B"."CNO")
- 3 - access("A"."PNO"="PNO")
- 5 - filter(("CNO" IS NOT NULL AND "CNO" LIKE '%2%'))
- 7 - access("A"."CNO"="B"."CNO")
- 9 - filter(("CNO" IS NOT NULL AND "CNO" LIKE '%2%'))