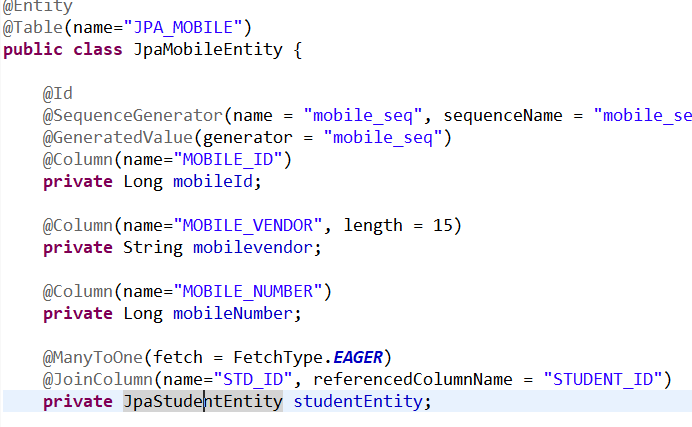
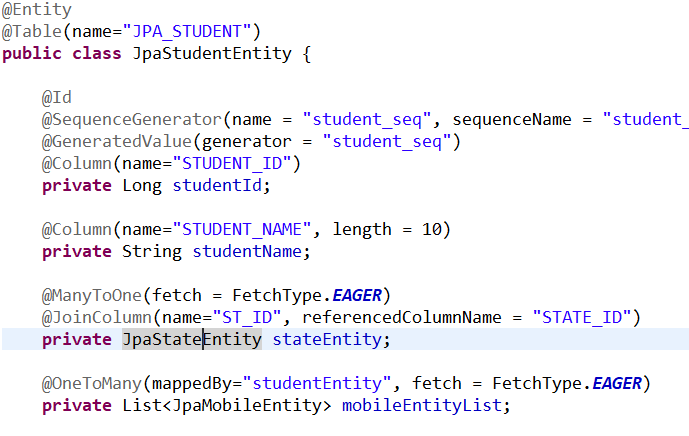
Case 1:

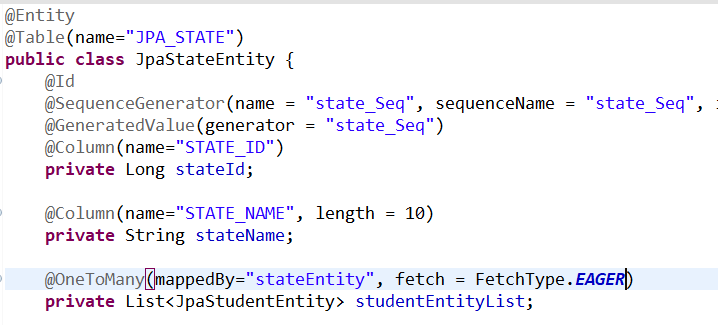
MobileEntity:



StudentEntity:

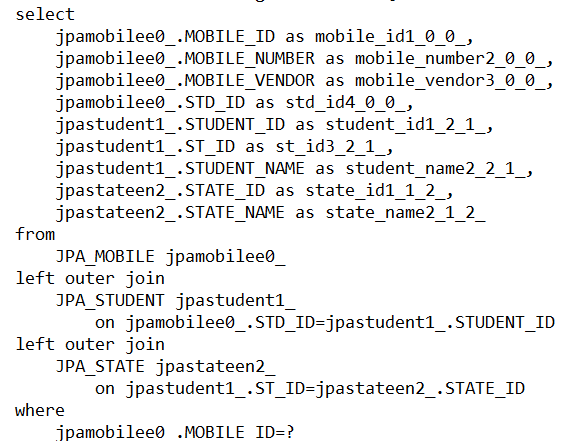


StateEntity:

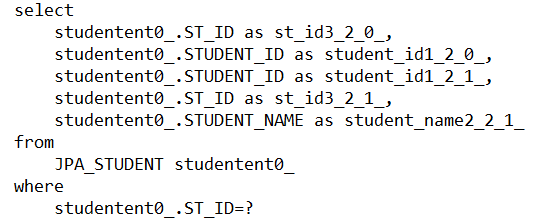


Operation 1 : Fetch Mobile by mobile-id

SQL query generated :

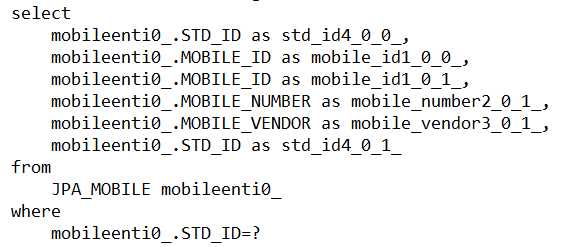


This query will be generated to find the SINGLE interconnected Student entity and State entity along with the specific mobile entity whose id is 3. Suppose state-id fetched is 1



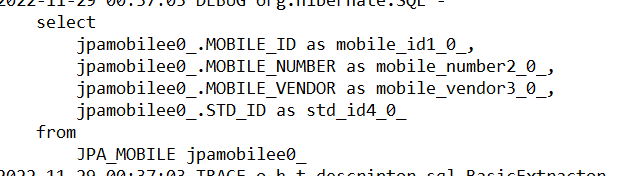
This query will be generated to find the list of Student entities under state-id 1

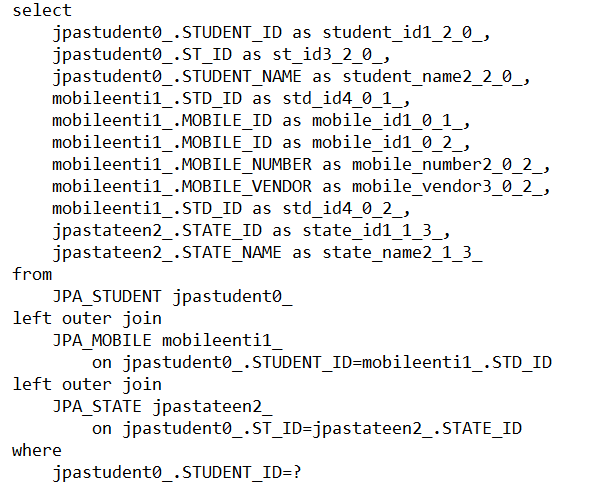
Suppose fetched student-entity ids are 1,2 and 3



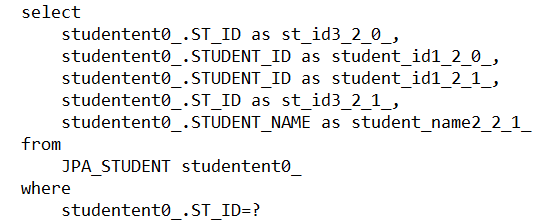
This query will be fired 3 times for student-id 1,2 and 3(fetched by previous query) to fetch the list of mobiles under each student-id.

Operation 2 : Fetch all mobiles





This query will be fired 5 times for student-id 1,2 ,3,4 and 5(fetched by previous query) to fetch the connected student and state against a particular mobile

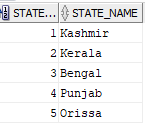


This query will be fired 2 times for state-id 1 and 2 (fetched by previous query) to fetch the list of students under a particular state

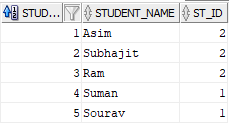
SEARCH BY STATE

Case 1 :

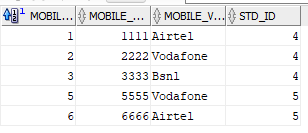
State Table :



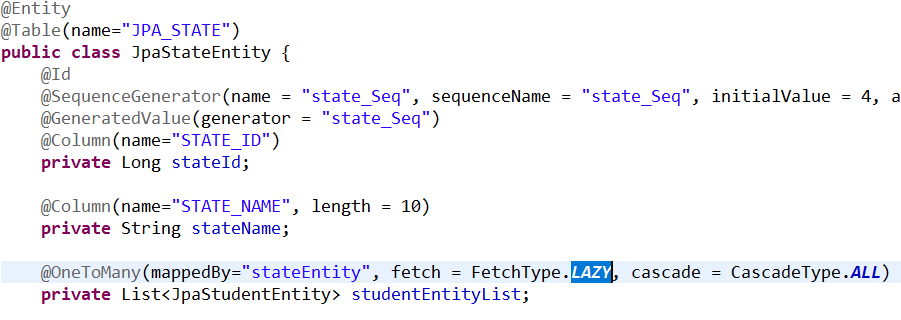
Student Table :



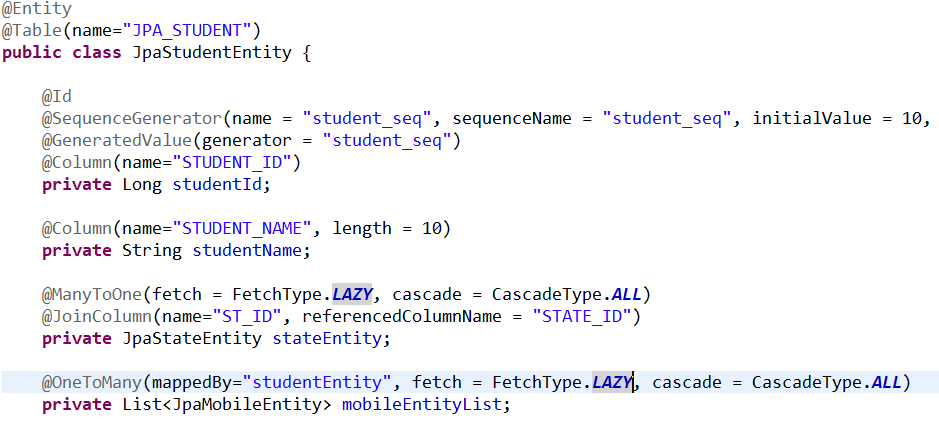
Mobile Table :



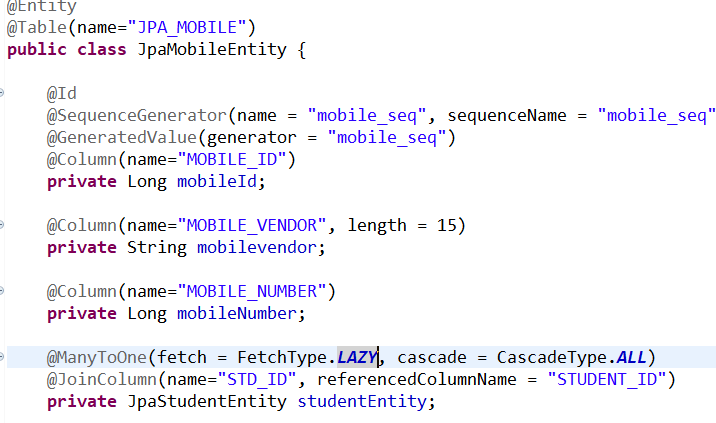
StateEntity :



StudentEntity :



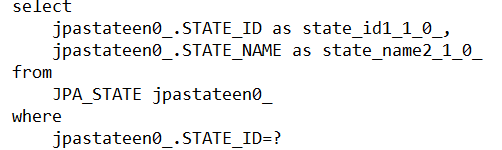
MobileEntity :



Query 1 :



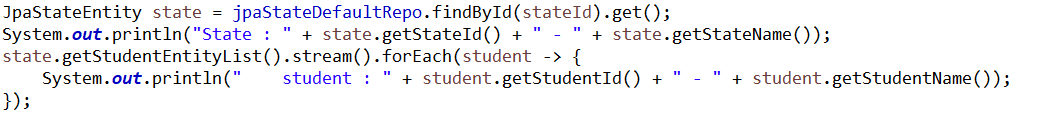
SQL generated :



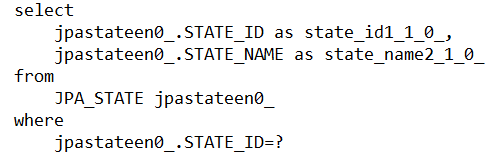
Output :



Query 2 :



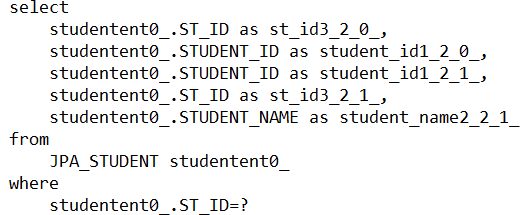
SQL generated :



Output :



SQL generated on 2nd hit :

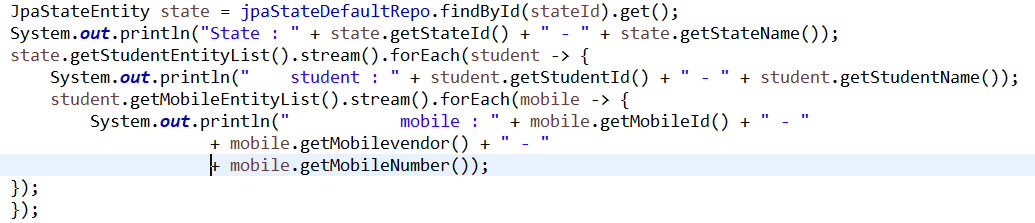




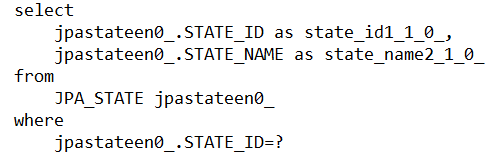
Output :



Query 3 :



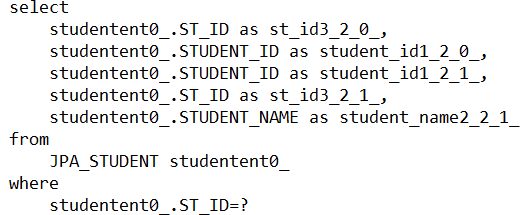
SQL generated :



Output:



SQL generated on 2nd hit :

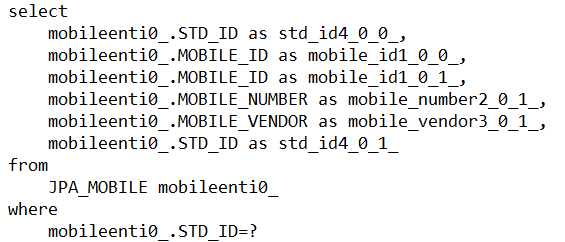




Output :

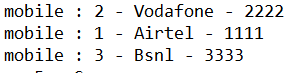


SQL generated on 3rd hit:

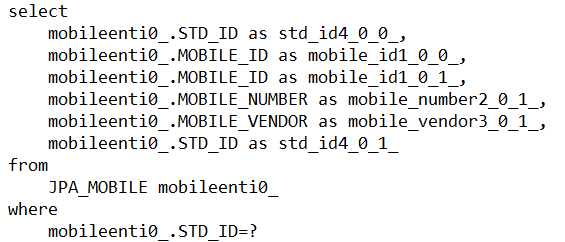




Output:



SQL generated on 4th hit:





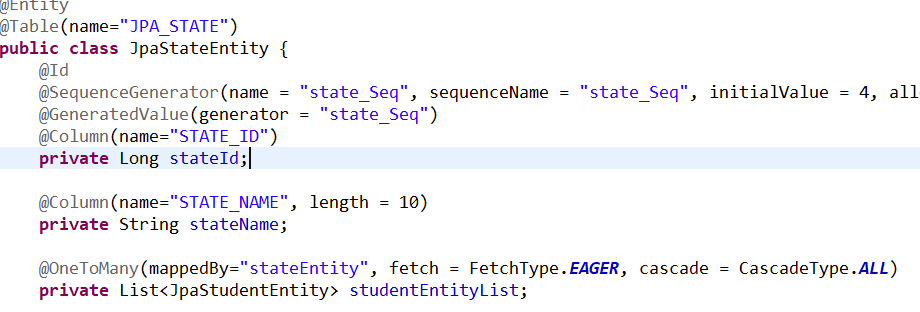
Output:



Case 2 :

Table data remaining same

StateEntity :

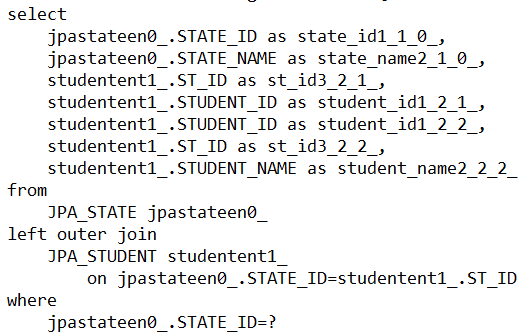


StudentEntity and MobileEntity remaining same

Query 1:



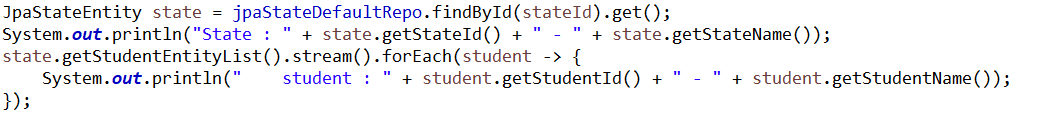
SQL Query generated:



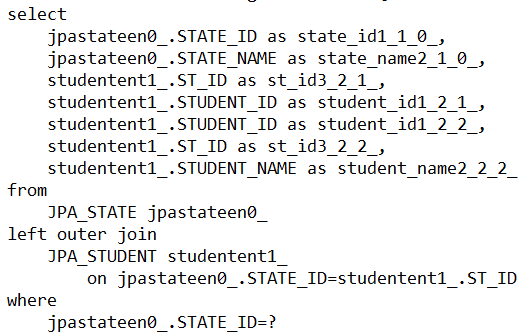
Output :



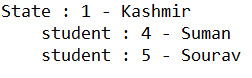
Query 2:



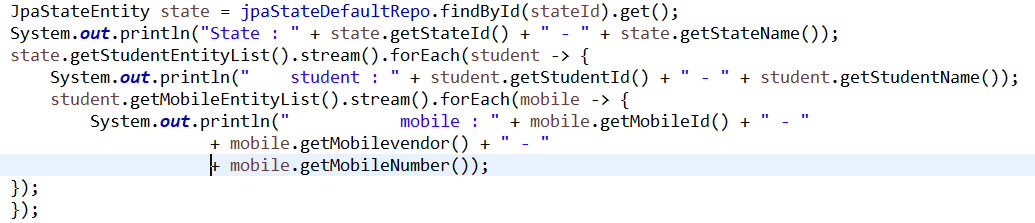
SQL query generated :



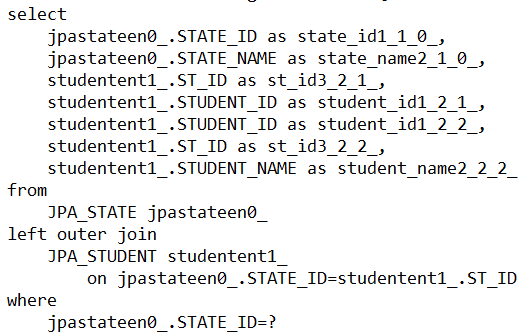
Output :



Query 3:



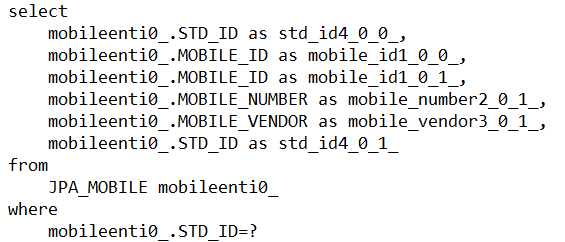
SQL query generated :



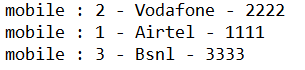
Output :



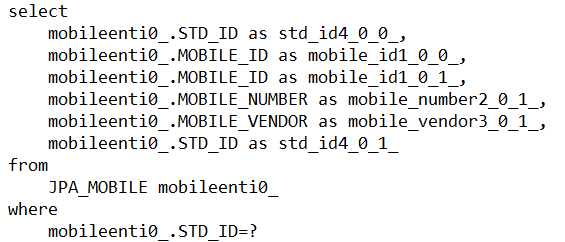
SQL query generated on 2nd hit :



Output :



SQL query generated on 3rd hit:





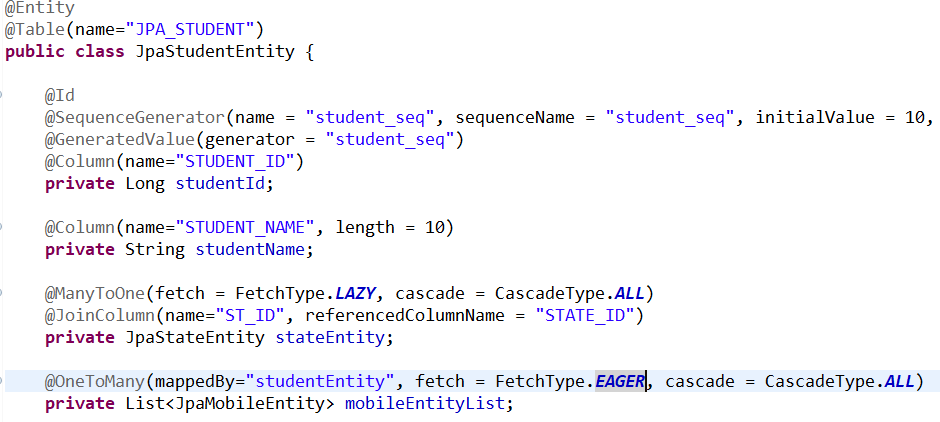
Output :



Case 3 :

Table data remaining same

StudentEntity:

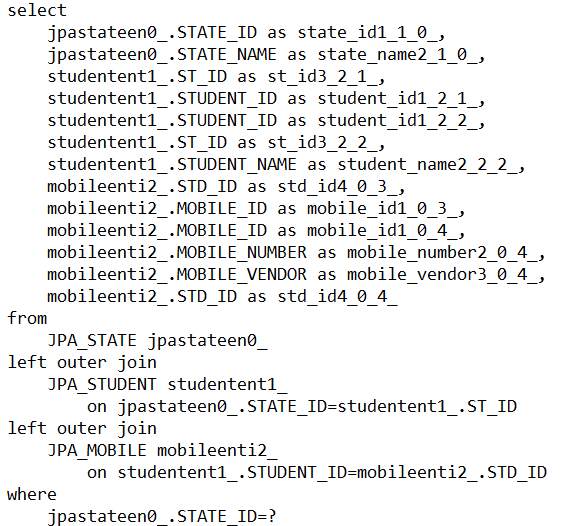


StateEntity and MobileEntity remaining same

Query 1 :



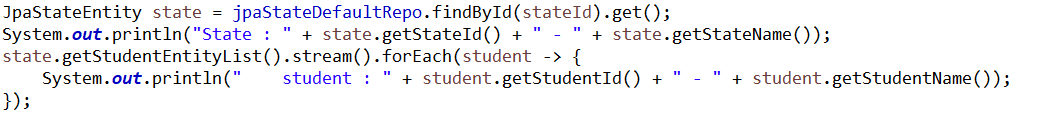
SQL query generated:



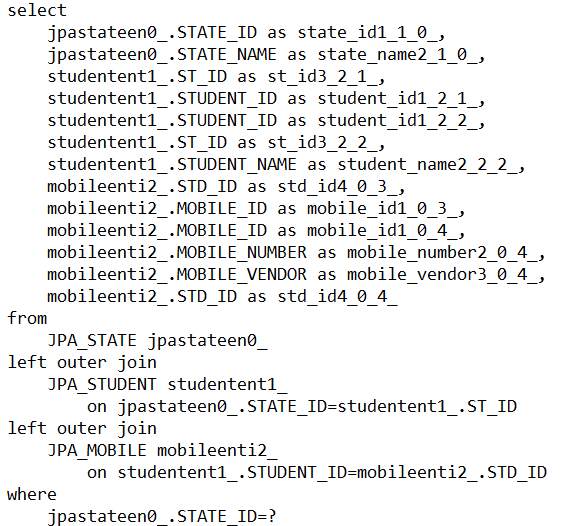
Output :



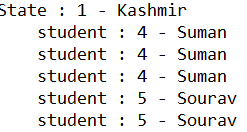
Query 2 :



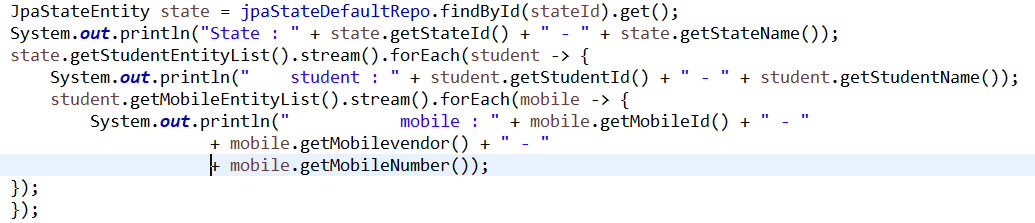
SQL query generated:



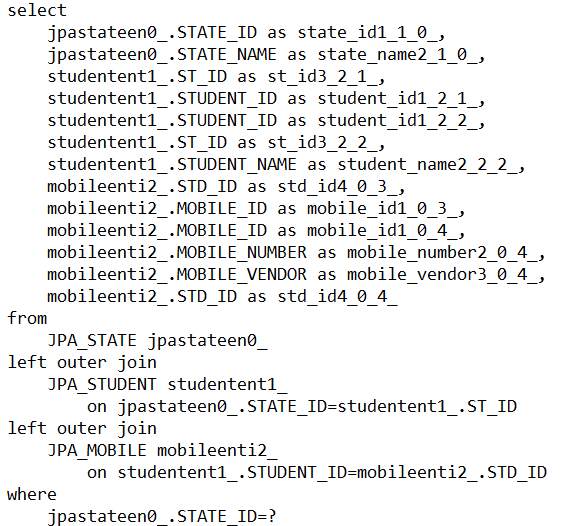
Output :



Query 3 :



SQL query generated:



Output :

