



One final comment about where clauses when dealing with columns which are not mandatory ... when a column is empty it has a null value, this value will not compare with any other value including another null value, therefore the Developer has to take that into account when creating a where clause, three examples are given below ...

where (<column_name> is null or <column_name> = 'A')

where nvl(<column_name>,'Z') = 'A'

where <column_name> is not null