Lookup Transformation

-- LOOKUP TRANSFORMATIONS

M\_STUDENT\_SCORE\_LKP

// Scores table is the lookup table

create table scores(

primary\_sub\_id number primary key,

primary\_sub\_name varchar2(20),

min\_score number,

max\_score number,

grade char(1));

insert into scores values(1, 'maths', 20, 100, 'A');

insert into scores values(2, 'social', 50, 100, 'B');

insert into scores values(3, 'chemistry', 40, 100, 'C');

insert into scores values(4, 'kannada', 30, 100, 'D');

-- source qualifier

create table student(

sid number primary key,

sname varchar2(20),

class number(2),

primary\_sub\_id number(2) REFERENCES SCORES(primary\_sub\_id ));

INSERT INTO STUDENT VALUES(101, 'KUMAR', 1, 1);

INSERT INTO STUDENT VALUES(102, 'PRAKASH', 3, 2);

INSERT INTO STUDENT VALUES(103, 'SUMESH', 7, 4);

INSERT INTO STUDENT VALUES(104, 'PAVAN', 9, 1);

INSERT INTO STUDENT VALUES(105, 'HARSHA', 1, 3);

CREATE TABLE T\_LKP\_STUDENTS(

SID NUMBER PRIMARY KEY,

SNAME VARCHAR2(20),

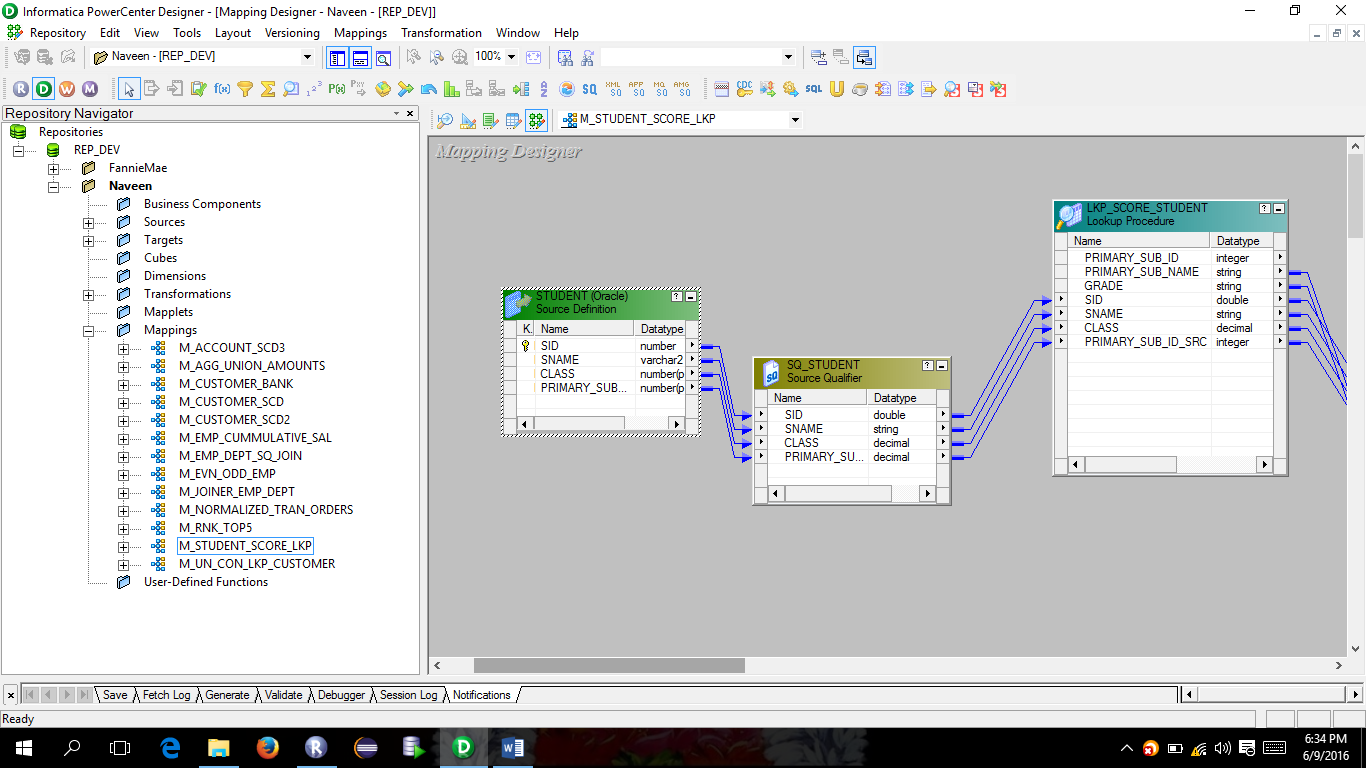
CLASS NUMBER(2),

PRIMARY\_SUB\_ID NUMBER(2),

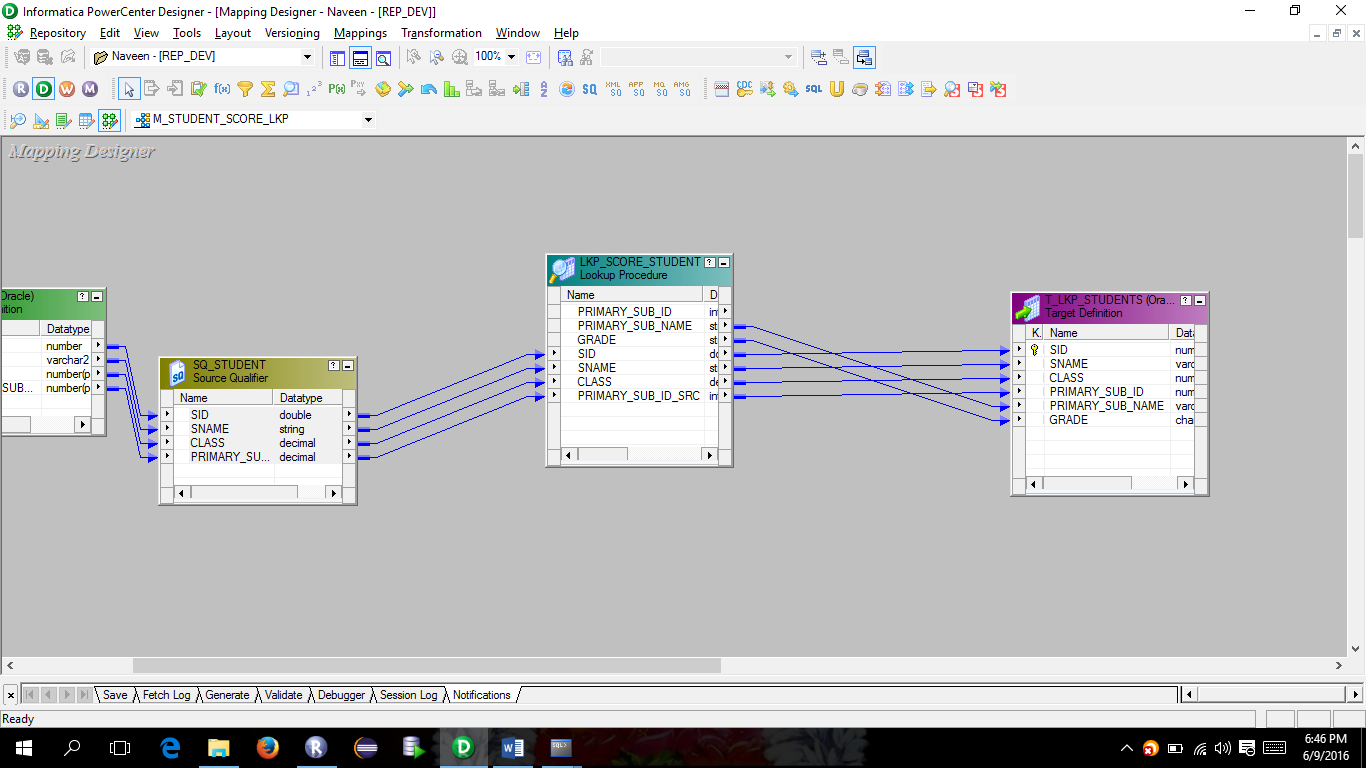
PRIMARY\_SUB\_NAME varchar2(20),

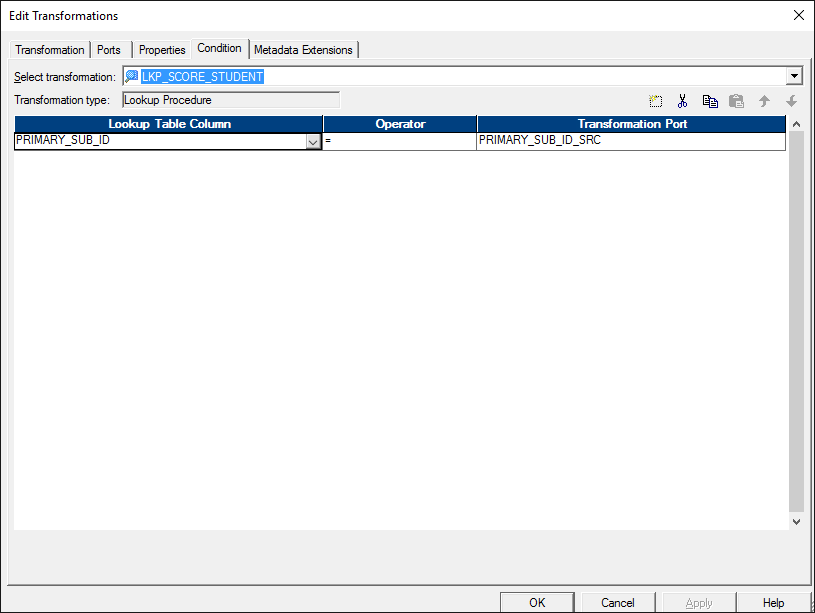
grade char(1));

First create a source qualifier from src db



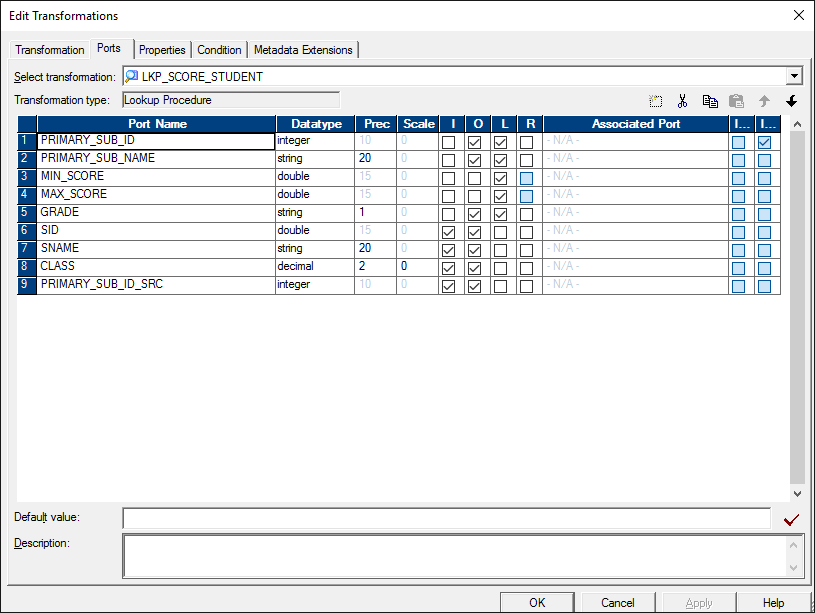
Create a lookup transformation , when you create select scores table, and drag and drop student(sq) on the lookup, now give the condition as shown below





The above screen will give the lookup value either null or return the value if exists it will give the record if not null.

Below are the port information



And the target will get the data from the lookup.