create or replace NONEDITIONABLE FUNCTION F\_FILTER\_CHECK (c\_id in out varchar, c\_date in out date, c\_price\_min in out number, c\_price\_max in out number) RETURN SYS\_REFCURSOR IS

L\_CURSOR SYS\_REFCURSOR;

StrId varchar2(50);

StrDate date;

SumMin number;

SumMax number;

BEGIN

StrId := '%'||c\_id||'%';

StrDate := c\_date;

SumMin := c\_price\_min;

SumMax := c\_price\_max;

IF(c\_date IS null)

THEN

StrDate := TO\_DATE('12/20/2000','mm/dd/yyyy');

OPEN L\_CURSOR FOR SELECT \* FROM goodscheck2 where check\_id like StrId and check\_date > StrDate and SumMin < (SELECT SUM(goods\_price) FROM goods\_in\_check WHERE check\_id = goodscheck2.check\_id) and SumMax > (SELECT SUM(goods\_price) FROM goods\_in\_check WHERE check\_id = goodscheck2.check\_id);

ELSE

OPEN L\_CURSOR FOR SELECT \* FROM goodscheck2 where check\_id like StrId and check\_date like StrDate and SumMin < (SELECT SUM(goods\_price) FROM goods\_in\_check WHERE check\_id = goodscheck2.check\_id) and SumMax > (SELECT SUM(goods\_price) FROM goods\_in\_check WHERE check\_id = goodscheck2.check\_id);

END IF;

RETURN L\_CURSOR;

END F\_FILTER\_CHECK;