



游标课堂作业

课堂作业

- 鞋子表S(Sno, Sname, Sprice, Sbrand, Scolor)分别为：鞋子编号，鞋子名称，鞋子单价，鞋子品牌，鞋子颜色；
- 顾客表C(Cno, Cname, Csex, Cage, Cphone)分别为：顾客编号，顾客名称，顾客性别，顾客年龄，顾客电话；
- 订单表O(Ono, Sno, Cno, Ocount, Osum, Odate)分别为：订单号，鞋子编号，顾客编号，销售数量，销售金额（备注：不是单价），订单日期；
- 退货表R(Rno, Ono, Sno, Cno, Rcount, Rsum, Rdate)分别为：退货单号，订单号，鞋子编号，顾客编号，退货数量，退货金额，退货时间；
- 库存表I(Sno, Inum, Idate)分别为：鞋子编号，库存量，清点时间；
- 进货表P(Pno, Sno, Pnum, Pprice, Pdate)分别为：进货编号，鞋子编号，进货数量，进货单价，进货时间；
- 其中，表S由Sno唯一标识，表C由Cno唯一标识，表O由Ono唯一标识，表R由Rno唯一标识，表I由Sno唯一标识，表P由Pno唯一标识。

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- 题目1：网店要做一个618促销活动，需要输出订单日期在2020-04-15（含）到2020-06-10（含），所有年龄在20到30岁的顾客的鞋子购买信息，输出格式为“顾客编号，顾客名称，购买鞋子明细（鞋子名称1|鞋子名称2|...）”，多个鞋子名称之间以“|”隔开（相同的鞋子名称只能出现一次）
- 鞋子表S(Sno, Sname, Sprice, Sbrand, Scolor)
- 顾客表C(Cno, Cname, Csex, Cage, Cphone)
- 订单表O(Ono, Sno, Cno, Ocount, Osum, Odate)
- 退货表R(Rno, Ono, Sno, Cno, Rcount, Rsum, Rdate)
- 库存表I(Sno, Inum, Idate)
- 进货表P(Pno, Sno, Pnum, Pprice, Pdate)

```
declare @Cname char(10);
declare @Cno char(10);
declare @Sname char(10);
declare @output char(max);
declare cur1 cursor for
Select C.cno
from C, O
where C.cno = O.cno and Odate between '2020-04-15' and '2020-06-10' and Cage between 20
and 30
begin
    open Cur1
    fetch next from cur1 into @cno;
    while(@@fetch_status = 0)
    begin
        declare cur2 cursor for
        select Cno, Cname, Sname from S,O,C
        where O.sno = S.sno and O.Cno = C.cno and O.cno = @cno
        begin
            open cur2
            fetch next from cur2 into @Cnon, @Cname, @Sname
            set @output = @Cno + @Cname+ '(' + '购买鞋子明细' + @Sname
            fetch next from cur2 into @Cno, @Cname, @Sname
            while (@@fetch_status = 0)
            begin
                set @output = @output + '|' + @Sname
                fetch next from cur2 into @Cno, @Cname, @Sname
            end
            set @output = @output + ')'
            print @output
        end
    end
end
```

```
        close cur2
        deallocate cur2
    end
    close cur1
    deallocate cur1
end
end
```