

Q2:

List the plan number, event number, work date, and activity of event plans meeting the following two conditions: (1) the work date is in December 2013 and (2) the event is held in the "Basketball arena". Your query must not use the facility number ("F101") of the basketball arena in the WHERE clause. Instead, you should use a condition on the FacName column for the value of "Basketball arena".

Ans:

```
SQL> SELECT EventPlan.PlanNo, EventPlan.EventNo, EventPlan.WorkDate, EventPlan.Activity FROM EventPlan, EventRequest, Facility
2 WHERE (EventPlan.WorkDate BETWEEN '01-DEC-2013' AND '31-DEC-2013')
3 AND EventPlan.EventNo= EventRequest.EventNo
4 AND EventRequest.FacNo= Facility.FacNo
5 AND Facility.FacName='Basketball arena';
```

Screenshot:

```
SQL> SELECT EventPlan.PlanNo, EventPlan.EventNo, EventPlan.WorkDate, EventPlan.Activity FROM EventPlan, EventRequest, Facility
2 WHERE (EventPlan.WorkDate BETWEEN '01-DEC-2013' AND '31-DEC-2013')
3 AND EventPlan.EventNo= EventRequest.EventNo
4 AND EventRequest.FacNo= Facility.FacNo
5 AND Facility.FacName='Basketball arena';

PLANNO    EVENTNO    WORKDATE    ACTIVITY
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P101       E104       03-DEC-13   Operation
P102       E105       05-DEC-13   Operation
P103       E106       12-DEC-13   Operation
P349       E106       12-DEC-13   Setup
SQL>
```