

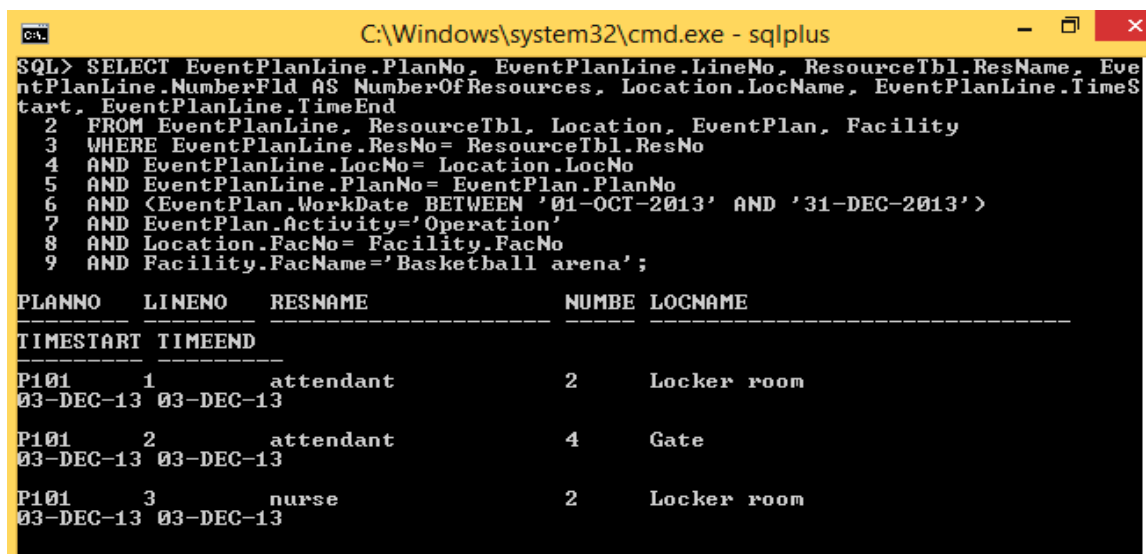
Q4:

List the plan number, line number, resource name, number of resources ( eventplanline.number ), location name, time start, and time end where the event is held at the basketball arena, the event plan has activity of activity of "Operation", and the event plan has a work date in the period October 1 to December 31, 2013. 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 EventPlanLine.PlanNo, EventPlanLine.LineNo, ResourceTbl.ResName, EventPlanLine.NumberFld AS
NumberOfResources, Location.LocName, EventPlanLine.TimeStart, EventPlanLine.TimeEnd
2 FROM EventPlanLine, ResourceTbl, Location, EventPlan, Facility
3 WHERE EventPlanLine.ResNo= ResourceTbl.ResNo
4 AND EventPlanLine.LocNo= Location.LocNo
5 AND EventPlanLine.PlanNo= EventPlan.PlanNo
6 AND (EventPlan.WorkDate BETWEEN '01-OCT-2013' AND '31-DEC-2013')
7 AND EventPlan.Activity='Operation'
8 AND Location.FacNo= Facility.FacNo
9 AND Facility.FacName='Basketball arena';
```

Screenshot:



The screenshot shows a Windows command prompt window titled "C:\Windows\system32\cmd.exe - sqlplus". The prompt is "SQL>". The user has entered a query to select event plan details for the Basketball arena. The query is as follows:

```
SQL> SELECT EventPlanLine.PlanNo, EventPlanLine.LineNo, ResourceTbl.ResName, EventPlanLine.NumberFld AS
NumberOfResources, Location.LocName, EventPlanLine.TimeStart, EventPlanLine.TimeEnd
2 FROM EventPlanLine, ResourceTbl, Location, EventPlan, Facility
3 WHERE EventPlanLine.ResNo= ResourceTbl.ResNo
4 AND EventPlanLine.LocNo= Location.LocNo
5 AND EventPlanLine.PlanNo= EventPlan.PlanNo
6 AND (EventPlan.WorkDate BETWEEN '01-OCT-2013' AND '31-DEC-2013')
7 AND EventPlan.Activity='Operation'
8 AND Location.FacNo= Facility.FacNo
9 AND Facility.FacName='Basketball arena';
```

The query results are displayed in a table format with the following columns: PLANNO, LINENO, RESNAME, NUMBE, and LOCNAME. The results are as follows:

| PLANNO    | LINENO    | RESNAME   | NUMBE | LOCNAME     |
|-----------|-----------|-----------|-------|-------------|
| P101      | 1         | attendant | 2     | Locker room |
| 03-DEC-13 | 03-DEC-13 |           |       |             |
| P101      | 2         | attendant | 4     | Gate        |
| 03-DEC-13 | 03-DEC-13 |           |       |             |
| P101      | 3         | nurse     | 2     | Locker room |
| 03-DEC-13 | 03-DEC-13 |           |       |             |