1

SELECT EventRequest.EventNo, CustName, Contact, DateAuth FROM EVENTREQUEST

JOIN Customer ON Customer.CustNo = EventRequest.CustNo

WHERE EventNo NOT IN (SELECT EventNo FROM EventPlan);

2

SELECT EventRequest.EventNo, DateReq, DateAuth, PlanNo, WorkDate, EmpName FROM EVENTREQUEST

JOIN EVENTPLAN ON EVENTPLAN.EVENTNO = EVENTREQUEST.EVENTNO

LEFT JOIN EMPLOYEE ON EMPLOYEE.EMPNO = EVENTPLAN.EMPNO

WHERE (DateReq BETWEEN '01-Jul-2022' AND '31-Jul-2022') AND (DateAuth BETWEEN '01-Jul-2022' AND '31-Jul-2022') AND Status = 'Approved';

3

SELECT EventNo, WorkDate, Activity, EventPlan.EmpNo, EmpName, Department, COUNT(EventPlanLine.PlanNo) AS "PlanLines", COUNT(DISTINCT ResNo) AS "Unique Resources" FROM EVENTPLAN

RIGHT JOIN EMPLOYEE ON EMPLOYEE.EMPNO = EVENTPLAN.EMPNO

JOIN EVENTPLANLINE ON EVENTPLANLINE.PlanNo = EVENTPLAN.PlanNo

WHERE (WorkDate BETWEEN '01-Dec-2022' AND '31-Dec-2022')

GROUP BY EVENTPLANLINE.PLANNO, EVENTNO, WORKDATE, ACTIVITY, EVENTPLAN.EMPNO, EMPNAME, EMPLOYEE.DEPARTMENT HAVING "Unique Resources" > 1;

4

SELECT CustNo, CustName, Contact FROM Customer

WHERE CustNo NOT IN (SELECT CustNo FROM EventRequest);

5

SELECT EmpNo, EmpName, Email FROM EMPLOYEE

WHERE EmpNo NOT IN (SELECT EmpNo FROM EVENTPLAN WHERE (WORKDATE BETWEEN '01-Oct-2022' AND '31-Oct-2022'));

6

SELECT EmpName, Email, AVG( (SELECT SUM(RESOURCECNT) FROM EVENTPLANLINE) \* Rate) AS "AVERAGE RES COST" FROM EMPLOYEE

JOIN EVENTPLAN ON EVENTPLAN.EMPNO = EMPLOYEE.EMPNO

JOIN EVENTPLANLINE ON EVENTPLANLINE.PLANNO = EVENTPLAN.PLANNO

JOIN RESOURCETBL ON RESOURCETBL.RESNO = EVENTPLANLINE.RESNO

GROUP BY EVENTPLAN.PLANNO, empname, email;

7

SELECT EVENTPLAN.PLANNO, ACTIVITY, WORKDATE FROM EVENTPLAN

JOIN EVENTPLANLINE ON EVENTPLANLINE.PLANNO = EVENTPLAN.PLANNO

WHERE (WORKDATE BETWEEN '01-Dec-2022' AND '31-Dec-2022')

AND ResNo IN (SELECT RESNO FROM RESOURCETBL WHERE RATE > 15)

GROUP BY EVENTPLAN.PLANNO, ACTIVITY, WORKDATE HAVING COUNT(RESNO) = (SELECT COUNT(\*) FROM RESOURCETBL WHERE RATE > 15);

8

SELECT eventplan.planno, eventrequest.eventno, workdate,activity

FROM eventrequest, eventplan

WHERE eventrequest.eventno = eventplan.eventno

AND (eventplan.workdate BETWEEN '01-Dec-2022' AND '31-Dec-2022')

AND (facno IN (SELECT facno FROM FACILITY WHERE facname = 'Basketball arena'));

9

SELECT DISTINCT eventrequest.eventno, dateheld, status, estcost

FROM eventrequest, eventplan

WHERE eventrequest.eventno = eventplan.eventno

AND (facno IN (SELECT facno FROM FACILITY WHERE facname = 'Basketball arena'))

AND (empno = (SELECT empno FROM employee WHERE empname = 'Mary Manager'))

AND workdate BETWEEN '01-Dec-2022' AND '31-Dec-2022';

10.1

UPDATE LOCATION SET LOCNAME = 'Door' WHERE facno = (SELECT facno FROM FACILITY WHERE facname = 'Swimming Pool');

10.2

DELETE FROM LOCATION WHERE facno = (SELECT facno FROM FACILITY WHERE facname = 'Swimming Pool');

DELETE FROM FACILITY WHERE facname = 'Swimming Pool';

11

SELECT employee.empno, empname FROM EMPLOYEE

JOIN EVENTPLAN ON EVENTPLAN.EMPNO = EMPLOYEE.EMPNO

GROUP BY EVENTNO, EMPLOYEE.EMPNO, empname HAVING COUNT(DISTINCT activity) = 3;

12

SELECT EVENTPLANLINE.PLANNO, LINENO, RESNAME, RESOURCECNT, LOCNAME, TIMESTART, TIMEEND FROM EVENTPLANLINE

JOIN RESOURCETBL ON RESOURCETBL.RESNO = EVENTPLANLINE.RESNO

JOIN LOCATION ON LOCATION.LOCNO = EVENTPLANLINE.LOCNO

WHERE PLANNO IN (SELECT PLANNO FROM EVENTPLAN WHERE ACTIVITY = 'Operation' AND (WORKDATE BETWEEN '01-Oct-2022' AND '31-Dec-2022'))

AND facno IN (SELECT facno FROM FACILITY WHERE facname LIKE 'Basketball arena');