-- 1 Semantic error

SELECT eventrequest.eventno, dateheld, status, estcost

FROM eventrequest, employee, facility, eventplan

WHERE estaudience > 5000

AND eventplan.empno = employee.empno

AND eventrequest.facno = facility.facno

AND eventrequest.eventno = eventplan.eventno

AND facname = 'Football stadium'

AND empname = 'Mary Manager';

-- 2 Redundancy. Group by is not needed

SELECT DISTINCT eventrequest.eventno, dateheld, status, estcost

FROM eventrequest, eventplan

WHERE estaudience > 4000

AND eventplan.eventno = eventrequest.eventno;

-- 3 Semantic: employee and eventplan tables are not needed

SELECT DISTINCT eventrequest.eventno, dateheld, status, estcost

FROM eventrequest, facility

WHERE estaudience > 5000

AND eventrequest.facno = facility.facno

AND facname = 'Football stadium';

-- 4 Syntax

SELECT DISTINCT eventrequest.eventno, dateheld, status, estcost

FROM eventrequest, employee, eventplan

WHERE estaudience BETWEEN 5000 AND 10000

AND eventplan.empno = employee.empno

AND eventrequest.eventno = eventplan.eventno

AND empname = 'Mary Manager';

-- 5 Bad alignment and incompatible constant

SELECT eventplan.planno, lineno, resname, numberfld, timestart, timeend

FROM eventrequest, facility, eventplan, eventplanline, resourcetbl

WHERE estaudience = 10000 -- incompatible constant

AND eventplan.planno = eventplanline.planno

AND eventrequest.facno = facility.facno

AND facname = 'Basketball arena'

AND eventplanline.resno = resourcetbl.resno

AND eventrequest.eventno = eventplan.eventno