**Fixing SQL Statements with errors and**

**poor formatting**

**1. The given statement from the assignment document has a 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 facname = 'Football stadium'

AND empname = 'Mary Manager'

**Statement above Rewritten with error removed**

SELECT eventrequest.eventno, dateheld, status, estcost

FROM eventrequest, employee, facility, eventplan

WHERE estaudience > 5000

AND eventrequest.eventno = eventplan.eventno

AND eventplan.empno = employee.empno

AND eventrequest.facno = facility.facno

AND facname = ‘Football stadium’

AND empname = ‘Mary Manager’ ;

**2. The given statement from the assignment document has a REDUNDANCY ERROR**

SELECT DISTINCT eventrequest.eventno, dateheld, status, estcost

FROM eventrequest, eventplan

WHERE estaudience > 4000

AND eventplan.eventno = eventrequest.eventno

GROUP BY eventrequest.eventno, dateheld, status, estcost

**Statement above Rewritten with error removed**

SELECT DISTINCT eventrequest.eventno, dateheld, status, estcost

FROM eventrequest, eventplan

Where estaudience > 4000

AND eventplan.eventno = eventrequest.eventno ;

**3. The given statement from the assignment document has a REDUNDANCY ERROR**

SELECT DISTINCT eventrequest.eventno, dateheld, status, estcost

FROM eventrequest, employee, facility, eventplan

WHERE estaudience > 5000

AND eventplan.empno = employee.empno

AND eventrequest.facno = facility.facno

AND eventplan.eventno = eventrequest.eventno

AND facname = 'Football stadium'

**Statement above Rewritten with error removed**

SELECT DISTINCT eventrequest.eventno, dateheld, status, estcost

FROM eventrequest, facility, eventplan

WHERE estaudience > 5000

AND eventrequest.facno = facility.facno

AND eventplan.eventno = eventrequest.eventno

AND facname = ‘Football stadium’ ;

**4. The given statement from the assignment document has a SYNTAX ERROR**

SELECT DISTINCT eventno, dateheld, status, estcost

FROM eventrequest, employee, eventplan

WHERE estaudience BETWEN 5000 AND 10000

AND eventplan.empno = employee.empno

AND eventrequest.eventno = eventplan.eventno

AND empname = 'Mary Manager'

**Statement above Rewritten with error removed**

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. The given statement from the assignment document contains two instances of poor coding practices which are:**

A) An incompatible constant

B) Poor clause alignment

SELECT eventplan.planno, lineno, resname,

numberfld, timestart, timeend

FROM eventrequest, facility, eventplan,

eventplanline, resourcetbl

WHERE estaudience = '10000'

AND eventplan.planno =

eventplanline.planno AND eventrequest.facno

= facility.facno

AND facname =

'Basketball arena' AND

eventplanline.resno = resourcetbl.resno

AND eventrequest.eventno = eventplan.eventno

**Statement above Rewritten with poor coding practices fixed up**

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

FROM eventrequest, facility, eventplan, eventplanline, resourcetbl

WHERE estaudience = 10000

AND eventplan.planno = eventplanline.planno

AND eventrequest.facno = facility.facno

AND eventplanline.resno = resourcetbl.resno

AND eventrequest.eventno = eventplan.eventno;

AND facname = 'Basketball Arena’ ;