

WEEK-3: Peer-graded Assignment module-5

This document consists of two items :

- 1) Statements with Errors and Poor Formatting
- 2) Rewritten Statements

1) Given Statement:

```
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';
```

Re-written Statement:

```
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) Given Statement:

```
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;
```

Re-written Statement:

```
SELECT DISTINCT eventrequest.eventno, dateheld, status, estcost  
FROM eventrequest, eventplan  
WHERE estaudience > 4000  
AND eventplan.eventno = eventrequest.eventno;
```

3) Given Statement:

```
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' ;
```

Re-written Statement:

```
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) Given Statement:

```
SELECT DISTINCT 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';
```

Re-written Statement:

```
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) Given:

```

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

```

Re-written Statement:

- a) 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 eventplanline.resno = resourcetbl.resno
AND eventrequest.eventno = eventplan.eventno
AND facname = 'Basketball arena' ;

```