Hi , good day! I used MySQL CLI.

1. Identify errors in the following SQL statement and label errors with error type (syntax, redundancy, or semantic). To simplify your work, the statement has only one type of error. Rewrite the statement to remove the 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'

Solution:

In this given query there is a Syntax error.(Missing semicolon).

Then to resolve the error. We rewrite it as follows:

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';

1. Identify errors in the following SQL statement and label errors with error type (syntax, redundancy, or semantic). To simplify your work, the statement has only one type of error. Rewrite the statement to remove the 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

Solution:

In this given query there is a syntax error of missing Semicolon.

To resolve this error we rewrite the query as follows:

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;

1. Identify errors in the following SQL statement and label errors with error type (syntax, redundancy, or semantic). To simplify your work, the statement has only one type of error. Rewrite the statement to remove the 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'

Solution:

In the given query there is a syntax error of Missing semicolon.

To resolve this error we rewrite the query as follows:

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';

1. Identify errors in the following SQL statement and label errors with error type (syntax, redundancy, or semantic). To simplify your work, the statement has only one type of error. Rewrite the statement to remove the errors.

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'

Solution :

In this given query there is syntax error of wrong spelling of between in where condition. And missing semicolon.

To resolve this error we rewrite the query as follows:

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';

1. Identify areas in which the SQL statement has poor coding practices and rewrite the statement to improve the coding practices. You do not need to search for errors.

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

Solution:

In the given query there is a error of wrong indentation and putting the number in string format.

To resolve the error we rewrite the query as follows:

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;