Company wants to know which record is inserted into employee table or deleted from employee table. Help the company by creating After Insert and After Delete Trigger on Employee table which will select newly inserted record or deleted record of Employee table and add that record in Employee\_Test\_Audit table. You must create Employee\_Test\_Audit table also with relevant columns.

create table Employee\_Test\_Audit(

AuditId smallint primary key identity(1,1),

EmpId smallint,

EmpName nchar(20),

Action\_ nchar(20),

ActionDate datetime default(getdate())

)

ALTER TRIGGER Emp\_Insert\_Trigger

ON dbo.Employees

AFTER INSERT

AS

BEGIN

SET NOCOUNT ON;

insert into Employee\_Test\_Audit(EmpId,EmpName,Action\_)

select EmpId,Emp\_FirstName+' '+Emp\_LastName,'insert' from inserted;

END

GO

insert into Employees(EmpId,Emp\_FirstName,Emp\_LastName,Emp\_city,DOJ,Salary,DID,Bid)

values (119,'Chris','Gayle','Dubai','2015-01-01',100000,1,1)

select \* from Employee\_Test\_Audit

AuditId EmpId EmpName Action\_ ActionDate

3 119 Chris Gayle insert 2023-04-25 16:21:08.433

ALTER TRIGGER [dbo].[Emp\_Insert\_Trigger]

ON [dbo].[Employees]

AFTER INSERT

AS

BEGIN

-- SET NOCOUNT ON added to prevent extra result sets from

-- interfering with SELECT statements.

SET NOCOUNT ON;

insert into Employee\_Test\_Audit(EmpId,EmpName,Action\_)

select EmpId,Emp\_FirstName+' '+Emp\_LastName,'insert' from inserted;

END

delete from Employees where EmpId=119

(1 row affected)

Completion time: 2023-04-25T16:27:12.9460058+05:30

select \* from Employee\_Test\_Audit

3 119 Chris Gayle insert 2023-04-25 16:21:08.433

4 119 Chris Gayle Delete 2023-04-25 16:27:12.930