```
CREATE TABLE [BenwfitReview_PiyushK]
(
       [BenefitReview_ID]
                            integer NOT NULL,
       [BenefitPackageRating] integer NULL,
                            integer NOT NULL,
       [Company_ID]
                            varchar(50) NOT NULL,
       [UserEmailID]
                            varchar(220) NOT NULL,
       [JobTitle]
       [Location_ID]
                            integer NOT NULL,
       [BestOrWorstThing]
                            varchar(500) NULL,
       [EmploymentStatus]
                            varchar(20) NULL,
       [EmploymentType]
                            varchar(20) NULL,
       [EmployeeDiscount]
                           varchar(20) NULL,
       [Vacation_PaidTimeOff] varchar(20) NULL ,
       [Maternity_PaternityLeave] varchar(20) NULL ,
       [DiversityProgram]
                           varchar(20) NULL,
       [LifeInsurance]
                            varchar(20) NULL,
       [BereavementLeave]
                           varchar(20) NULL,
       [StockOptionsOrEquity] varchar(20) NULL ,
       [VisionInsurance]
                           varchar(20) NULL,
       [UnpaidExtendedLeave] varchar(20) NULL ,
       [WorkFromHome]
                            varchar(20) NULL,
       [PensionPlan]
                           varchar(20) NULL,
       [Childcare]
                           varchar(20) NULL,
```

```
CUIEEPrintFile2
        [FreeLunchOrSnacks] varchar(20) NULL ,
        [ApprenticeshipProgram] varchar(20) NULL,
        [DisabilityInsurance] varchar(20) NULL ,
        [ReducedorFlexibleHours] varchar(20) NULL,
        [RetirementPlan]
                            varchar(20) NULL,
        [PerformanceBonus]
                           varchar(20) NULL,
        [CompanyCar]
                            varchar(20) NULL,
        [DentalInsurance]
                            varchar(20) NULL,
        [Sic_Leave]
                            varchar(20) NULL,
        [HealthCare__Insurance] varchar(20) NULL ,
        [EmployeeAssistanceProgram] varchar(20) NULL
)
go
ALTER TABLE [BenwfitReview_PiyushK]
       ADD CONSTRAINT [XPKBenwfitReview_PiyushK] PRIMARY KEY CLUSTERED
([BenefitReview_ID] ASC,[Company_ID] ASC,[UserEmailID] ASC,[JobTitle]
ASC, [Location_ID] ASC)
go
CREATE TABLE [CompanyReview_PiyushK]
(
        [Company_ID]
                            integer NOT NULL,
        [CompanyReview_ID]
                            integer NOT NULL,
        [OverallRating]
                            integer NULL,
```

```
[EmployeType]
                            varchar(20) NULL,
        [EmploymentStatus]
                            varchar(50) NULL,
        [ReviewTitle]
                            varchar(100) NULL,
        [Pros]
                            varchar(250) NULL,
        [Cons]
                            varchar(250)
                                          NULL,
        [AdviceToManagement] varchar(250) NULL ,
        [UserEmailID]
                            varchar(50) NOT NULL,
        [JobTitle]
                            varchar(220) NOT NULL,
        [Rating_CareerOpportunities] integer NULL ,
        [Rating_Compensation_Benefits] integer NULL ,
        [Rating_WorkLifeBalance] integer NULL,
        [Rating_SeniorManagement] integer NULL ,
        [Rating_Culture_Values] integer NULL ,
        [Rating_CEO]
                            varchar(20) NULL,
        [Recommend]
                            varchar(20) NULL,
        [SixMonthBusinessOutlook] varchar(20) NULL ,
        [Location_ID]
                            integer NOT NULL
)
go
ALTER TABLE [CompanyReview_PiyushK]
       ADD CONSTRAINT [XPKCompanyReview_PiyushK] PRIMARY KEY CLUSTERED
([Company_ID] ASC,[CompanyReview_ID] ASC,[UserEmailID] ASC,[JobTitle]
ASC, [Location_ID] ASC)
go
```

```
CREATE TABLE [Compay_PiyushK]
(
       [Company_ID]
                            integer NOT NULL,
       [CompanyName]
                            varchar(250) NULL,
                            varchar(250) NULL,
       [CompanyWebsite]
       [CompanyHQLocation] varchar(250) NULL,
                            varchar(250) NULL,
       [Industry]
       [CompanyType]
                            varchar(250) NULL,
       [CompanyRevenu]
                            varchar(250)
                                         NULL,
       [CompanyFounded]
                            varchar(250) NULL,
       [CompanySize]
                            integer NULL
)
go
ALTER TABLE [Compay_PiyushK]
       ADD CONSTRAINT [XPKCompay_PiyushK] PRIMARY KEY CLUSTERED ([Company_ID] ASC)
go
CREATE TABLE [InterviewReview_PiyushK]
(
       [InterviewReview_ID] integer NOT NULL ,
       [InterviewProcessDescription] varchar(500) NULL ,
       [UserEmailID]
                            varchar(50) NOT NULL,
```

```
CUIEEPrintFile2
        [JobTitle]
                            varchar(220) NOT NULL,
        [Company_ID]
                            integer NOT NULL,
        [Location_ID]
                            integer NOT NULL,
        [InterviewQuestions] varchar(500) NULL ,
        [Answers]
                            varchar(500) NULL,
        [InterviewDifficulty] varchar(20) NULL ,
        [GotTheOffet]
                            varchar(20) NULL,
        [InterviewApplication] varchar(20) NULL ,
        [InterviewDuration] varchar(20) NULL,
        [InterviewMonth_Date] varchar(50) NULL ,
        [InterviewLocation] varchar(70) NULL,
        [InterviewType]
                            varchar(50) NULL,
        [InterviewTesting]
                            varchar(50) NULL,
        [OtherStagres]
                            varchar(50) NULL,
        [GlassdoorHelp]
                            varchar(50) NULL
)
go
ALTER TABLE [InterviewReview_PiyushK]
       ADD CONSTRAINT [XPKInterviewReview_PiyushK] PRIMARY KEY CLUSTERED
([InterviewReview_ID] ASC,[UserEmailID] ASC,[JobTitle] ASC,[Company_ID]
ASC, [Location_ID] ASC)
go
CREATE TABLE [JobApplication_PiyushK]
```

```
CUIEEPrintFile2
(
        [JobApplication_ID]
                            integer NOT NULL,
        [ApplicationDate]
                            datetime NULL,
        [Job_ID]
                            integer NOT NULL,
        [RecruiterWorkEmail ID] varchar(250) NOT NULL ,
        [UserEmailID]
                            varchar(50) NOT NULL,
        [Company_ID]
                            integer NOT NULL,
       [Location_ID]
                            integer NOT NULL
)
go
ALTER TABLE [JobApplication_PiyushK]
       ADD CONSTRAINT [XPKJobApplication_PiyushK] PRIMARY KEY CLUSTERED
([JobApplication_ID] ASC,[Job_ID] ASC,[RecruiterWorkEmail_ID] ASC,[UserEmailID]
ASC, [Company_ID] ASC, [Location_ID] ASC)
go
CREATE TABLE [JobPosting_PiyushK]
(
       [Job_ID]
                            integer NOT NULL,
       [JobTitle]
                            varchar(250) NULL,
        [RecruiterWorkEmail_ID] varchar(250) NOT NULL ,
        [Company_ID]
                            integer NOT NULL,
        [Location_ID]
                            integer NOT NULL,
       [JobDescription]
                            varchar(250) NULL,
```

```
CUIEEPrintFile2
        [JobPostDate]
                            datetime NULL,
        [JobURL]
                           varchar(250) NULL
)
go
ALTER TABLE [JobPosting_PiyushK]
       ADD CONSTRAINT [XPKJobPosting_PiyushK] PRIMARY KEY CLUSTERED ([Job_ID]
ASC, [RecruiterWorkEmail_ID] ASC, [Company_ID] ASC, [Location_ID] ASC)
go
CREATE TABLE [Location_PiyushK]
(
        [Location_ID]
                            integer NULL,
        [1]
                            char(18) NULL
)
go
CREATE TABLE [Location_PiyushK]
(
        [Location_ID]
                            integer NOT NULL,
        [Country]
                            varchar(250) NULL,
                            varchar(250) NULL,
        [State]
        [City]
                            varchar(250) NULL
)
go
```

```
ALTER TABLE [Location_PiyushK]
       ADD CONSTRAINT [XPKLocation_PiyushK] PRIMARY KEY CLUSTERED ([Location_ID]
ASC)
go
CREATE TABLE [Recruiter_PiyushK]
(
        [RecruiterWorkEmail_ID] varchar(250) NOT NULL ,
        [FirstName]
                            varchar(250) NULL,
        [Company_ID]
                            integer NOT NULL,
        [Location_ID]
                            integer NOT NULL,
        [LastName]
                            varchar(250) NULL,
        [JobTitle]
                           varchar(250) NULL
)
go
ALTER TABLE [Recruiter_PiyushK]
       ADD CONSTRAINT [XPKRecruiter_PiyushK] PRIMARY KEY CLUSTERED
([RecruiterWorkEmail_ID] ASC,[Company_ID] ASC,[Location_ID] ASC)
go
CREATE TABLE [SalaryReview_PiyushK]
(
        [SalaryReview_ID]
                            integer NOT NULL,
                                      Page 8
```

```
[BasePay]
                    integer NULL,
[UserEmailID]
                    varchar(50) NOT NULL,
[JobTitle]
                    varchar(220) NOT NULL,
[Company_ID]
                    integer NOT NULL,
[Location_ID]
                    integer NOT NULL,
[Currency]
                    varchar(20) NULL,
[PayType]
                    varchar(20) NULL,
[CashBonus]
                    integer NULL,
[CashBonusFrequency] varchar(20) NULL,
[StockBonus]
                    integer NULL,
[StockBonusFrequency] varchar(20) NULL ,
[ProfitSharing]
                    integer NULL,
[ProfitSharingFrequency] varchar(20) NULL ,
                    integer NULL,
[SalseCommission]
[SalseCommissionFrequency] varchar(20) NULL ,
[Tips]
                    integer NULL,
[TipsFrequency]
                    varchar(20) NULL,
[YearsOfExperience]
                   integer NULL,
[EmploymentStatues] varchar(20) NULL,
[EmployeType]
                    varchar(20) NULL,
                    varchar(20) NULL
[Gender]
```

)

go

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```
ALTER TABLE [SalaryReview_PiyushK]
       ADD CONSTRAINT [XPKSalaryReview_PiyushK] PRIMARY KEY CLUSTERED
([SalaryReview_ID] ASC,[UserEmailID] ASC,[JobTitle] ASC,[Company_ID]
ASC, [Location_ID] ASC)
go
CREATE TABLE [User_PiyushK]
(
        [UserEmailID]
                            varchar(50) NOT NULL,
       [First_Name]
                            varchar(25) NULL,
        [Resume]
                            varchar(250) NULL,
        [Password]
                            varchar(250) NULL,
        [Gender]
                            varchar(20) NULL,
       [Education]
                            varchar(250) NULL,
        [BirthDate]
                            datetime NULL
)
go
ALTER TABLE [User_PiyushK]
       ADD CONSTRAINT [XPKUser_PiyushK] PRIMARY KEY CLUSTERED ([UserEmailID] ASC)
go
CREATE TABLE [UserCurrentJobDetails_PiyushK]
(
        [EmploymentStatus] varchar(220) NULL,
                                      Page 10
```

```
[JobTitle]
                            varchar(220) NOT NULL,
        [UserEmailID]
                            varchar(50) NOT NULL,
        [Company_ID]
                            integer NOT NULL,
        [CurrentORFormerEmployee] varchar(20) NULL ,
        [LengthOfEmploymentYears] varchar(20) NULL ,
                            integer NOT NULL
        [Location_ID]
)
go
ALTER TABLE [UserCurrentJobDetails_PiyushK]
       ADD CONSTRAINT [XPKUserCurrentJobDetails_PiyushK] PRIMARY KEY CLUSTERED
([UserEmailID] ASC,[JobTitle] ASC,[Company_ID] ASC,[Location_ID] ASC)
go
ALTER TABLE [BenwfitReview_PiyushK]
       ADD CONSTRAINT [R_48] FOREIGN KEY
([UserEmailID],[JobTitle],[Company_ID],[Location_ID]) REFERENCES
[UserCurrentJobDetails_PiyushK]([UserEmailID],[JobTitle],[Company_ID],[Location_ID])
               ON DELETE NO ACTION
               ON UPDATE NO ACTION
go
ALTER TABLE [CompanyReview_PiyushK]
```

```
ADD CONSTRAINT [R_47] FOREIGN KEY
([UserEmailID],[JobTitle],[Company_ID],[Location_ID]) REFERENCES
[UserCurrentJobDetails_PiyushK]([UserEmailID],[JobTitle],[Company_ID],[Location_ID])
                ON DELETE NO ACTION
                ON UPDATE NO ACTION
go
ALTER TABLE [InterviewReview_PiyushK]
        ADD CONSTRAINT [R_24] FOREIGN KEY
([UserEmailID],[JobTitle],[Company_ID],[Location_ID]) REFERENCES
[UserCurrentJobDetails_PiyushK]([UserEmailID],[JobTitle],[Company_ID],[Location_ID])
                ON DELETE NO ACTION
                ON UPDATE NO ACTION
go
ALTER TABLE [JobApplication_PiyushK]
       ADD CONSTRAINT [R_5] FOREIGN KEY
([Job_ID],[RecruiterWorkEmail_ID],[Company_ID],[Location_ID]) REFERENCES
[JobPosting_PiyushK]([Job_ID],[RecruiterWorkEmail_ID],[Company_ID],[Location_ID])
                ON DELETE NO ACTION
                ON UPDATE NO ACTION
go
ALTER TABLE [JobApplication_PiyushK]
       ADD CONSTRAINT [R_17] FOREIGN KEY ([UserEmailID]) REFERENCES
[User_PiyushK]([UserEmailID])
```

ON DELETE NO ACTION

ON UPDATE NO ACTION

go

ALTER TABLE [JobPosting_PiyushK]

ADD CONSTRAINT [R_3] FOREIGN KEY ([RecruiterWorkEmail_ID],[Company_ID],[Location_ID]) REFERENCES [Recruiter_PiyushK]([RecruiterWorkEmail_ID],[Company_ID],[Location_ID])

ON DELETE NO ACTION

ON UPDATE NO ACTION

go

ALTER TABLE [Recruiter_PiyushK]

ADD CONSTRAINT [R_18] FOREIGN KEY ([Company_ID]) REFERENCES [Compay_PiyushK]([Company_ID])

ON DELETE NO ACTION

ON UPDATE NO ACTION

go

ALTER TABLE [Recruiter_PiyushK]

ADD CONSTRAINT [R_45] FOREIGN KEY ([Location_ID]) REFERENCES [Location_PiyushK]([Location_ID])

ON DELETE NO ACTION

ON UPDATE NO ACTION

go

go

```
ALTER TABLE [SalaryReview_PiyushK]
        ADD CONSTRAINT [R_23] FOREIGN KEY
([UserEmailID],[JobTitle],[Company_ID],[Location_ID]) REFERENCES
[UserCurrentJobDetails_PiyushK]([UserEmailID],[JobTitle],[Company_ID],[Location_ID])
                ON DELETE NO ACTION
                ON UPDATE NO ACTION
go
ALTER TABLE [UserCurrentJobDetails_PiyushK]
        ADD CONSTRAINT [R_21] FOREIGN KEY ([UserEmailID]) REFERENCES
[User_PiyushK]([UserEmailID])
                ON DELETE NO ACTION
                ON UPDATE NO ACTION
go
ALTER TABLE [UserCurrentJobDetails_PiyushK]
        ADD CONSTRAINT [R_46] FOREIGN KEY ([Company_ID]) REFERENCES
[Compay_PiyushK]([Company_ID])
                ON DELETE NO ACTION
```

ON UPDATE NO ACTION

ALTER TABLE [UserCurrentJobDetails_PiyushK]

```
ADD CONSTRAINT [R_49] FOREIGN KEY ([Location_ID]) REFERENCES
[Location_PiyushK]([Location_ID])
                ON DELETE NO ACTION
                ON UPDATE NO ACTION
go
CREATE TRIGGER tD_BenwfitReview_PiyushK ON BenwfitReview_PiyushK FOR DELETE AS
/* ERwin Builtin Trigger */
/* DELETE trigger on BenwfitReview_PiyushK */
BEGIN
 DECLARE @errno
                    int,
           @severity int,
           @state
                     int,
           @errmsg varchar(255)
    /* ERwin Builtin Trigger */
    /* UserCurrentJobDetails_PiyushK BenwfitReview_PiyushK on child delete no
action */
    /* ERWIN_RELATION:CHECKSUM="00028ada", PARENT_OWNER="",
PARENT_TABLE="UserCurrentJobDetails_PiyushK"
    CHILD_OWNER="", CHILD_TABLE="BenwfitReview_PiyushK"
    P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
    FK CONSTRAINT="R 48",
FK_COLUMNS="UserEmailID""JobTitle""Company_ID""Location_ID" */
    IF EXISTS (SELECT * FROM deleted,UserCurrentJobDetails_PiyushK
```

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```
WHERE
        /* %JoinFKPK(deleted,UserCurrentJobDetails PiyushK," = "," AND") */
        deleted.JobTitle = UserCurrentJobDetails PiyushK.JobTitle AND
        deleted.UserEmailID = UserCurrentJobDetails_PiyushK.UserEmailID AND
        deleted.Company_ID = UserCurrentJobDetails_PiyushK.Company_ID AND
        deleted.Location_ID = UserCurrentJobDetails_PiyushK.Location_ID AND
        NOT EXISTS (
          SELECT * FROM BenwfitReview PiyushK
          WHERE
            /* %JoinFKPK(BenwfitReview_PiyushK,UserCurrentJobDetails_PiyushK," = ","
AND") */
            BenwfitReview_PiyushK.JobTitle = UserCurrentJobDetails_PiyushK.JobTitle
AND
            BenwfitReview_PiyushK.UserEmailID =
UserCurrentJobDetails PiyushK.UserEmailID AND
            BenwfitReview_PiyushK.Company_ID =
UserCurrentJobDetails_PiyushK.Company_ID AND
            BenwfitReview_PiyushK.Location_ID =
UserCurrentJobDetails_PiyushK.Location_ID
        )
    )
    BEGIN
      SELECT @errno = 30010,
             @errmsg = 'Cannot delete last BenwfitReview_PiyushK because
```

GOTO error

UserCurrentJobDetails PiyushK exists.'

END

```
/* ERwin Builtin Trigger */
    RETURN
error:
   RAISERROR (@errmsg, -- Message text.
              @severity, -- Severity (0~25).
              @state) -- State (0~255).
    rollback transaction
END
go
CREATE TRIGGER tU_BenwfitReview_PiyushK ON BenwfitReview_PiyushK FOR UPDATE AS
/* ERwin Builtin Trigger */
/* UPDATE trigger on BenwfitReview_PiyushK */
BEGIN
  DECLARE @numrows int,
           @nullcnt int,
           @validcnt int,
           @insBenefitReview_ID integer,
           @insCompany_ID integer,
           @insUserEmailID varchar(50),
                                       Page 17
```

```
@insJobTitle varchar(220),
           @insLocation_ID integer,
           @errno
                    int,
           @severity int,
           @state
                     int,
           @errmsg varchar(255)
 SELECT @numrows = @@rowcount
 /* ERwin Builtin Trigger */
 /* UserCurrentJobDetails_PiyushK BenwfitReview_PiyushK on child update no action
  /* ERWIN_RELATION:CHECKSUM="00023b42", PARENT_OWNER="",
PARENT TABLE="UserCurrentJobDetails PiyushK"
    CHILD_OWNER="", CHILD_TABLE="BenwfitReview_PiyushK"
    P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
    FK_CONSTRAINT="R_48",
FK_COLUMNS="UserEmailID""JobTitle""Company_ID""Location_ID" */
 ΙF
    /* %ChildFK(" OR",UPDATE) */
   UPDATE(JobTitle) OR
   UPDATE(UserEmailID) OR
   UPDATE(Company_ID) OR
   UPDATE(Location_ID)
  BEGIN
    SELECT @nullcnt = 0
```

```
SELECT @validcnt = count(*)
      FROM inserted, UserCurrentJobDetails_PiyushK
        WHERE
          /* %JoinFKPK(inserted,UserCurrentJobDetails PiyushK) */
          inserted.JobTitle = UserCurrentJobDetails PiyushK.JobTitle and
          inserted.UserEmailID = UserCurrentJobDetails_PiyushK.UserEmailID and
          inserted.Company_ID = UserCurrentJobDetails_PiyushK.Company_ID and
          inserted.Location_ID = UserCurrentJobDetails_PiyushK.Location_ID
    /* %NotnullFK(inserted," IS NULL", "select @nullcnt = count(*) from inserted
where"," AND") */
    IF @validcnt + @nullcnt != @numrows
    BEGIN
      SELECT @errno = 30007,
             @errmsg = 'Cannot update BenwfitReview_PiyushK because
UserCurrentJobDetails_PiyushK does not exist.'
     GOTO error
    END
  END
  /* ERwin Builtin Trigger */
  RETURN
error:
   RAISERROR (@errmsg, -- Message text.
```

```
CUIEEPrintFile2
              @severity, -- Severity (0~25).
              @state) -- State (0~255).
    rollback transaction
END
go
CREATE TRIGGER tD_CompanyReview_PiyushK ON CompanyReview_PiyushK FOR DELETE AS
/* ERwin Builtin Trigger */
/* DELETE trigger on CompanyReview_PiyushK */
BEGIN
 DECLARE @errno
                  int,
           @severity int,
           @state
                     int,
           @errmsg varchar(255)
    /* ERwin Builtin Trigger */
   /* UserCurrentJobDetails_PiyushK CompanyReview_PiyushK on child delete no
action */
    /* ERWIN_RELATION:CHECKSUM="000295e7", PARENT_OWNER="",
PARENT_TABLE="UserCurrentJobDetails_PiyushK"
    CHILD_OWNER="", CHILD_TABLE="CompanyReview_PiyushK"
    P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
```

```
FK CONSTRAINT="R 47",
FK_COLUMNS="UserEmailID""JobTitle""Company_ID""Location_ID" */
    IF EXISTS (SELECT * FROM deleted,UserCurrentJobDetails_PiyushK
      WHERE
        /* %JoinFKPK(deleted,UserCurrentJobDetails PiyushK," = "," AND") */
        deleted.JobTitle = UserCurrentJobDetails PiyushK.JobTitle AND
        deleted.UserEmailID = UserCurrentJobDetails PiyushK.UserEmailID AND
        deleted.Company_ID = UserCurrentJobDetails_PiyushK.Company_ID AND
        deleted.Location ID = UserCurrentJobDetails PiyushK.Location ID AND
       NOT EXISTS (
          SELECT * FROM CompanyReview_PiyushK
         WHERE
            /* %JoinFKPK(CompanyReview PiyushK,UserCurrentJobDetails PiyushK," = ","
AND") */
            CompanyReview PiyushK.JobTitle = UserCurrentJobDetails PiyushK.JobTitle
AND
            CompanyReview PiyushK.UserEmailID =
UserCurrentJobDetails_PiyushK.UserEmailID AND
            CompanyReview PiyushK.Company ID =
UserCurrentJobDetails_PiyushK.Company_ID AND
            CompanyReview_PiyushK.Location_ID =
UserCurrentJobDetails PiyushK.Location ID
        )
    )
    BEGIN
      SELECT @errno = 30010,
             @errmsg = 'Cannot delete last CompanyReview_PiyushK because
UserCurrentJobDetails_PiyushK exists.'
```

```
GOTO error
    END
   /* ERwin Builtin Trigger */
    RETURN
error:
  RAISERROR (@errmsg, -- Message text.
              @severity, -- Severity (0~25).
              @state) -- State (0~255).
    rollback transaction
END
go
CREATE TRIGGER tU_CompanyReview_PiyushK ON CompanyReview_PiyushK FOR UPDATE AS
/* ERwin Builtin Trigger */
/* UPDATE trigger on CompanyReview_PiyushK */
BEGIN
 DECLARE @numrows int,
           @nullcnt int,
           @validcnt int,
           @insCompany_ID integer,
```

```
@insCompanyReview_ID integer,
           @insUserEmailID varchar(50),
           @insJobTitle varchar(220),
           @insLocation_ID integer,
           @errno
                    int,
           @severity int,
           @state
                     int,
           @errmsg varchar(255)
  SELECT @numrows = @@rowcount
  /* ERwin Builtin Trigger */
 /* UserCurrentJobDetails_PiyushK CompanyReview_PiyushK on child update no action
  /* ERWIN_RELATION:CHECKSUM="00023ac5", PARENT_OWNER="",
PARENT_TABLE="UserCurrentJobDetails_PiyushK"
    CHILD_OWNER="", CHILD_TABLE="CompanyReview_PiyushK"
    P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
    FK_CONSTRAINT="R_47",
FK_COLUMNS="UserEmailID""JobTitle""Company_ID""Location_ID" */
  ΙF
    /* %ChildFK(" OR",UPDATE) */
    UPDATE(JobTitle) OR
    UPDATE(UserEmailID) OR
    UPDATE(Company_ID) OR
    UPDATE(Location_ID)
```

```
BEGIN
    SELECT @nullcnt = 0
    SELECT @validcnt = count(*)
      FROM inserted, UserCurrentJobDetails_PiyushK
        WHERE
          /* %JoinFKPK(inserted,UserCurrentJobDetails_PiyushK) */
          inserted.JobTitle = UserCurrentJobDetails_PiyushK.JobTitle and
          inserted.UserEmailID = UserCurrentJobDetails_PiyushK.UserEmailID and
          inserted.Company_ID = UserCurrentJobDetails_PiyushK.Company_ID and
          inserted.Location_ID = UserCurrentJobDetails_PiyushK.Location_ID
    /* %NotnullFK(inserted," IS NULL", "select @nullcnt = count(*) from inserted
where"," AND") */
    IF @validcnt + @nullcnt != @numrows
    BEGIN
      SELECT @errno = 30007,
             @errmsg = 'Cannot update CompanyReview_PiyushK because
UserCurrentJobDetails_PiyushK does not exist.'
     GOTO error
    END
  END
  /* ERwin Builtin Trigger */
  RETURN
```

```
CUIEEPrintFile2
error:
   RAISERROR (@errmsg, -- Message text.
              @severity, -- Severity (0~25).
              @state) -- State (0~255).
    rollback transaction
END
go
CREATE TRIGGER tD_Compay_PiyushK ON Compay_PiyushK FOR DELETE AS
/* ERwin Builtin Trigger */
/* DELETE trigger on Compay_PiyushK */
BEGIN
  DECLARE @errno int,
           @severity int,
           @state
                     int,
           @errmsg varchar(255)
    /* ERwin Builtin Trigger */
    /* Compay_PiyushK UserCurrentJobDetails_PiyushK on parent delete no action */
    /* ERWIN_RELATION:CHECKSUM="0002592f", PARENT_OWNER="",
PARENT_TABLE="Compay_PiyushK"
```

CHILD_OWNER="", CHILD_TABLE="UserCurrentJobDetails_PiyushK"

```
P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
    FK_CONSTRAINT="R_46", FK_COLUMNS="Company_ID" */
    IF EXISTS (
      SELECT * FROM deleted,UserCurrentJobDetails_PiyushK
     WHERE
        /* %JoinFKPK(UserCurrentJobDetails_PiyushK, deleted, " = ", " AND") */
        UserCurrentJobDetails_PiyushK.Company_ID = deleted.Company_ID
    )
    BEGIN
      SELECT @errno = 30001,
             @errmsg = 'Cannot delete Compay_PiyushK because
UserCurrentJobDetails_PiyushK exists.'
     GOTO error
    END
   /* ERwin Builtin Trigger */
    /* Compay_PiyushK Recruiter_PiyushK on parent delete no action */
    /* ERWIN_RELATION:CHECKSUM="00000000", PARENT_OWNER="",
PARENT_TABLE="Compay_PiyushK"
    CHILD_OWNER="", CHILD_TABLE="Recruiter_PiyushK"
    P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
    FK CONSTRAINT="R 18", FK COLUMNS="Company ID" */
    IF EXISTS (
      SELECT * FROM deleted, Recruiter_PiyushK
     WHERE
```

```
/* %JoinFKPK(Recruiter_PiyushK,deleted," = "," AND") */
       Recruiter_PiyushK.Company_ID = deleted.Company_ID
    )
   BEGIN
     SELECT @errno = 30001,
            @errmsg = 'Cannot delete Compay_PiyushK because Recruiter_PiyushK
exists.'
     GOTO error
    END
   /* ERwin Builtin Trigger */
    RETURN
error:
   RAISERROR (@errmsg, -- Message text.
             @severity, -- Severity (0~25).
             @state) -- State (0~255).
   rollback transaction
END
go
```

CREATE TRIGGER tU_Compay_PiyushK ON Compay_PiyushK FOR UPDATE AS

```
/* ERwin Builtin Trigger */
/* UPDATE trigger on Compay_PiyushK */
BEGIN
 DECLARE @numrows int,
           @nullcnt int,
           @validcnt int,
           @insCompany_ID integer,
           @errno
                  int,
           @severity int,
           @state
                     int,
           @errmsg varchar(255)
  SELECT @numrows = @@rowcount
  /* ERwin Builtin Trigger */
  /* Compay_PiyushK UserCurrentJobDetails_PiyushK on parent update no action */
  /* ERWIN_RELATION:CHECKSUM="00029559", PARENT_OWNER="",
PARENT_TABLE="Compay_PiyushK"
    CHILD_OWNER="", CHILD_TABLE="UserCurrentJobDetails_PiyushK"
    P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
    FK_CONSTRAINT="R_46", FK_COLUMNS="Company_ID" */
  ΙF
   /* %ParentPK(" OR",UPDATE) */
   UPDATE(Company_ID)
  BEGIN
   IF EXISTS (
```

```
SELECT * FROM deleted,UserCurrentJobDetails_PiyushK
     WHERE
        /* %JoinFKPK(UserCurrentJobDetails PiyushK,deleted," = "," AND") */
       UserCurrentJobDetails_PiyushK.Company_ID = deleted.Company_ID
    )
    BEGIN
      SELECT @errno = 30005,
             @errmsg = 'Cannot update Compay_PiyushK because
UserCurrentJobDetails_PiyushK exists.'
      GOTO error
    END
  END
 /* ERwin Builtin Trigger */
  /* Compay_PiyushK Recruiter_PiyushK on parent update no action */
  /* ERWIN_RELATION:CHECKSUM="00000000", PARENT_OWNER="",
PARENT_TABLE="Compay_PiyushK"
    CHILD_OWNER="", CHILD_TABLE="Recruiter_PiyushK"
    P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
    FK_CONSTRAINT="R_18", FK_COLUMNS="Company_ID" */
  ΙF
    /* %ParentPK(" OR",UPDATE) */
   UPDATE(Company_ID)
  BEGIN
    IF EXISTS (
```

```
SELECT * FROM deleted,Recruiter_PiyushK
     WHERE
        /* %JoinFKPK(Recruiter_PiyushK, deleted, " = ", " AND") */
        Recruiter_PiyushK.Company_ID = deleted.Company_ID
    )
    BEGIN
      SELECT @errno = 30005,
             @errmsg = 'Cannot update Compay_PiyushK because Recruiter_PiyushK
exists.'
      GOTO error
    END
 END
 /* ERwin Builtin Trigger */
 RETURN
error:
  RAISERROR (@errmsg, -- Message text.
              @severity, -- Severity (0~25).
              @state) -- State (0~255).
    rollback transaction
END
```

go

```
CREATE TRIGGER tD InterviewReview PiyushK ON InterviewReview PiyushK FOR DELETE AS
/* ERwin Builtin Trigger */
/* DELETE trigger on InterviewReview_PiyushK */
BEGIN
 DECLARE @errno
                    int,
           @severity int,
           @state
                    int,
           @errmsg varchar(255)
    /* ERwin Builtin Trigger */
    /* UserCurrentJobDetails_PiyushK InterviewReview_PiyushK on child delete no
action */
    /* ERWIN_RELATION:CHECKSUM="0002a206", PARENT_OWNER="",
PARENT_TABLE="UserCurrentJobDetails_PiyushK"
    CHILD_OWNER="", CHILD_TABLE="InterviewReview_PiyushK"
    P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
    FK_CONSTRAINT="R_24",
FK_COLUMNS="UserEmailID""JobTitle""Company_ID""Location_ID" */
    IF EXISTS (SELECT * FROM deleted, UserCurrentJobDetails_PiyushK
     WHERE
        /* %JoinFKPK(deleted,UserCurrentJobDetails_PiyushK," = "," AND") */
        deleted.JobTitle = UserCurrentJobDetails_PiyushK.JobTitle AND
        deleted.UserEmailID = UserCurrentJobDetails_PiyushK.UserEmailID AND
                                       Page 31
```

```
deleted.Company_ID = UserCurrentJobDetails_PiyushK.Company_ID AND
        deleted.Location_ID = UserCurrentJobDetails_PiyushK.Location_ID AND
       NOT EXISTS (
          SELECT * FROM InterviewReview_PiyushK
         WHERE
           /* %JoinFKPK(InterviewReview_PiyushK,UserCurrentJobDetails_PiyushK," =
"," AND") */
            InterviewReview_PiyushK.JobTitle =
UserCurrentJobDetails PiyushK.JobTitle AND
            InterviewReview_PiyushK.UserEmailID =
UserCurrentJobDetails_PiyushK.UserEmailID AND
            InterviewReview_PiyushK.Company_ID =
UserCurrentJobDetails_PiyushK.Company_ID AND
            InterviewReview PiyushK.Location ID =
UserCurrentJobDetails_PiyushK.Location_ID
        )
    )
    BEGIN
      SELECT @errno = 30010,
             @errmsg = 'Cannot delete last InterviewReview_PiyushK because
UserCurrentJobDetails PiyushK exists.'
     GOTO error
    END
    /* ERwin Builtin Trigger */
    RETURN
```

error:

```
RAISERROR (@errmsg, -- Message text.
              @severity, -- Severity (0~25).
              @state) -- State (0~255).
    rollback transaction
END
go
CREATE TRIGGER tU_InterviewReview_PiyushK ON InterviewReview_PiyushK FOR UPDATE AS
/* ERwin Builtin Trigger */
/* UPDATE trigger on InterviewReview_PiyushK */
BEGIN
  DECLARE @numrows int,
           @nullcnt int,
           @validcnt int,
           @insInterviewReview_ID integer,
           @insUserEmailID varchar(50),
           @insJobTitle varchar(220),
           @insCompany_ID integer,
           @insLocation_ID integer,
           @errno int,
           @severity int,
```

```
@state
                   int,
         @errmsg varchar(255)
 SELECT @numrows = @@rowcount
 /* ERwin Builtin Trigger */
 action */
 /* ERWIN_RELATION:CHECKSUM="000244d7", PARENT_OWNER="",
PARENT_TABLE="UserCurrentJobDetails_PiyushK"
   CHILD_OWNER="", CHILD_TABLE="InterviewReview_PiyushK"
   P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
   FK CONSTRAINT="R 24",
FK_COLUMNS="UserEmailID""JobTitle""Company_ID""Location_ID" */
 ΙF
   /* %ChildFK(" OR",UPDATE) */
   UPDATE(JobTitle) OR
   UPDATE(UserEmailID) OR
   UPDATE(Company ID) OR
   UPDATE(Location_ID)
 BEGIN
   SELECT @nullcnt = 0
   SELECT @validcnt = count(*)
     FROM inserted, UserCurrentJobDetails_PiyushK
       WHERE
         /* %JoinFKPK(inserted,UserCurrentJobDetails_PiyushK) */
```

CUIEEPrintFile2 inserted.JobTitle = UserCurrentJobDetails PiyushK.JobTitle and inserted.UserEmailID = UserCurrentJobDetails_PiyushK.UserEmailID and inserted.Company_ID = UserCurrentJobDetails_PiyushK.Company_ID and inserted.Location_ID = UserCurrentJobDetails_PiyushK.Location_ID /* %NotnullFK(inserted," IS NULL", "select @nullcnt = count(*) from inserted where"," AND") */ IF @validcnt + @nullcnt != @numrows **BEGIN** SELECT @errno = 30007, @errmsg = 'Cannot update InterviewReview_PiyushK because UserCurrentJobDetails PiyushK does not exist.' GOTO error **END END** /* ERwin Builtin Trigger */ **RETURN** error: RAISERROR (@errmsg, -- Message text. @severity, -- Severity (0~25). @state) -- State (0~255). rollback transaction

END

go

```
CREATE TRIGGER tD_JobApplication_PiyushK ON JobApplication_PiyushK FOR DELETE AS
/* ERwin Builtin Trigger */
/* DELETE trigger on JobApplication_PiyushK */
BEGIN
 DECLARE @errno
                  int,
          @severity int,
          @state
                     int,
          @errmsg varchar(255)
   /* ERwin Builtin Trigger */
    /* User_PiyushK JobApplication_PiyushK on child delete no action */
    /* ERWIN_RELATION:CHECKSUM="0003ce94", PARENT_OWNER="",
PARENT_TABLE="User_PiyushK"
    CHILD_OWNER="", CHILD_TABLE="JobApplication_PiyushK"
    P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
    FK_CONSTRAINT="R_17", FK_COLUMNS="UserEmailID" */
    IF EXISTS (SELECT * FROM deleted, User_PiyushK
     WHERE
       /* %JoinFKPK(deleted,User_PiyushK," = "," AND") */
       deleted.UserEmailID = User_PiyushK.UserEmailID AND
                                      Page 36
```

```
NOT EXISTS (
          SELECT * FROM JobApplication_PiyushK
         WHERE
            /* %JoinFKPK(JobApplication_PiyushK,User_PiyushK," = "," AND") */
            JobApplication_PiyushK.UserEmailID = User_PiyushK.UserEmailID
        )
    )
    BEGIN
      SELECT @errno = 30010,
             @errmsg = 'Cannot delete last JobApplication_PiyushK because
User PiyushK exists.'
     GOTO error
    END
    /* ERwin Builtin Trigger */
    /* JobPosting_PiyushK JobApplication_PiyushK on child delete no action */
    /* ERWIN RELATION: CHECKSUM="00000000", PARENT OWNER="",
PARENT_TABLE="JobPosting_PiyushK"
    CHILD_OWNER="", CHILD_TABLE="JobApplication_PiyushK"
    P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
    FK_CONSTRAINT="R_5",
FK_COLUMNS="Job_ID""RecruiterWorkEmail_ID""Company_ID""Location_ID" */
    IF EXISTS (SELECT * FROM deleted, JobPosting_PiyushK
     WHERE
        /* %JoinFKPK(deleted, JobPosting_PiyushK," = "," AND") */
```

```
CUIEEPrintFile2
        deleted.Job_ID = JobPosting_PiyushK.Job_ID AND
        deleted.RecruiterWorkEmail_ID = JobPosting_PiyushK.RecruiterWorkEmail_ID AND
        deleted.Company_ID = JobPosting_PiyushK.Company_ID AND
        deleted.Location_ID = JobPosting_PiyushK.Location_ID AND
        NOT EXISTS (
          SELECT * FROM JobApplication_PiyushK
         WHERE
            /* %JoinFKPK(JobApplication_PiyushK, JobPosting_PiyushK," = "," AND") */
            JobApplication_PiyushK.Job_ID = JobPosting_PiyushK.Job_ID AND
            JobApplication_PiyushK.RecruiterWorkEmail_ID =
JobPosting_PiyushK.RecruiterWorkEmail_ID AND
            JobApplication_PiyushK.Company_ID = JobPosting_PiyushK.Company_ID AND
            JobApplication PiyushK.Location ID = JobPosting PiyushK.Location ID
        )
    )
    BEGIN
      SELECT @errno = 30010,
             @errmsg = 'Cannot delete last JobApplication_PiyushK because
JobPosting_PiyushK exists.'
      GOTO error
    END
   /* ERwin Builtin Trigger */
    RETURN
```

```
error:
  RAISERROR (@errmsg, -- Message text.
             @severity, -- Severity (0~25).
              @state) -- State (0~255).
    rollback transaction
END
go
CREATE TRIGGER tU_JobApplication_PiyushK ON JobApplication_PiyushK FOR UPDATE AS
/* ERwin Builtin Trigger */
/* UPDATE trigger on JobApplication_PiyushK */
BEGIN
 DECLARE @numrows int,
           @nullcnt int,
           @validcnt int,
           @insJobApplication_ID integer,
           @insJob_ID integer,
           @insRecruiterWorkEmail_ID varchar(250),
           @insUserEmailID varchar(50),
           @insCompany_ID integer,
           @insLocation_ID integer,
```

@errno

int,

```
CUIEEPrintFile2
           @severity int,
           @state
                     int,
           @errmsg varchar(255)
  SELECT @numrows = @@rowcount
  /* ERwin Builtin Trigger */
  /* User_PiyushK JobApplication_PiyushK on child update no action */
  /* ERWIN_RELATION:CHECKSUM="000377a3", PARENT_OWNER="",
PARENT_TABLE="User_PiyushK"
    CHILD_OWNER="", CHILD_TABLE="JobApplication_PiyushK"
    P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
    FK_CONSTRAINT="R_17", FK_COLUMNS="UserEmailID" */
 ΙF
   /* %ChildFK(" OR",UPDATE) */
   UPDATE(UserEmailID)
  BEGIN
    SELECT @nullcnt = 0
    SELECT @validcnt = count(*)
      FROM inserted, User_PiyushK
       WHERE
          /* %JoinFKPK(inserted,User_PiyushK) */
```

/* %NotnullFK(inserted," IS NULL", "select @nullcnt = count(*) from inserted

inserted.UserEmailID = User_PiyushK.UserEmailID

where"," AND") */

```
CUIEEPrintFile2
    IF @validcnt + @nullcnt != @numrows
    BEGIN
      SELECT @errno = 30007,
             @errmsg = 'Cannot update JobApplication_PiyushK because User_PiyushK
does not exist.'
     GOTO error
    END
  END
 /* ERwin Builtin Trigger */
 /* JobPosting_PiyushK JobApplication_PiyushK on child update no action */
  /* ERWIN_RELATION:CHECKSUM="00000000", PARENT_OWNER="",
PARENT_TABLE="JobPosting_PiyushK"
    CHILD_OWNER="", CHILD_TABLE="JobApplication_PiyushK"
    P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
    FK_CONSTRAINT="R_5",
FK_COLUMNS="Job_ID""RecruiterWorkEmail_ID""Company_ID""Location_ID" */
 ΙF
    /* %ChildFK(" OR",UPDATE) */
   UPDATE(Job_ID) OR
    UPDATE(RecruiterWorkEmail_ID) OR
   UPDATE(Company_ID) OR
   UPDATE(Location_ID)
  BEGIN
    SELECT @nullcnt = 0
    SELECT @validcnt = count(*)
```

```
FROM inserted, JobPosting_PiyushK
        WHERE
          /* %JoinFKPK(inserted, JobPosting_PiyushK) */
          inserted.Job_ID = JobPosting_PiyushK.Job_ID and
          inserted.RecruiterWorkEmail_ID = JobPosting_PiyushK.RecruiterWorkEmail_ID
and
          inserted.Company_ID = JobPosting_PiyushK.Company_ID and
          inserted.Location_ID = JobPosting_PiyushK.Location_ID
    /* %NotnullFK(inserted," IS NULL", "select @nullcnt = count(*) from inserted
where"," AND") */
    IF @validcnt + @nullcnt != @numrows
    BEGIN
      SELECT @errno = 30007,
             @errmsg = 'Cannot update JobApplication_PiyushK because
JobPosting_PiyushK does not exist.'
     GOTO error
    END
  END
 /* ERwin Builtin Trigger */
  RETURN
error:
   RAISERROR (@errmsg, -- Message text.
```

```
@severity, -- Severity (0~25).
              @state) -- State (0~255).
    rollback transaction
END
go
CREATE TRIGGER tD_JobPosting_PiyushK ON JobPosting_PiyushK FOR DELETE AS
/* ERwin Builtin Trigger */
/* DELETE trigger on JobPosting_PiyushK */
BEGIN
 DECLARE @errno
                  int,
           @severity int,
           @state
                     int,
           @errmsg varchar(255)
    /* ERwin Builtin Trigger */
    /* JobPosting_PiyushK JobApplication_PiyushK on parent delete no action */
    /* ERWIN_RELATION:CHECKSUM="0003a77e", PARENT_OWNER="",
PARENT_TABLE="JobPosting_PiyushK"
    CHILD_OWNER="", CHILD_TABLE="JobApplication_PiyushK"
    P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
    FK_CONSTRAINT="R_5",
```

```
CUIEEPrintFile2
FK_COLUMNS="Job_ID""RecruiterWorkEmail_ID""Company_ID""Location_ID" */
    IF EXISTS (
      SELECT * FROM deleted, JobApplication_PiyushK
     WHERE
           %JoinFKPK(JobApplication PiyushK, deleted, " = ", " AND") */
        JobApplication_PiyushK.Job_ID = deleted.Job_ID AND
        JobApplication_PiyushK.RecruiterWorkEmail_ID = deleted.RecruiterWorkEmail_ID
AND
        JobApplication PiyushK.Company ID = deleted.Company ID AND
        JobApplication PiyushK.Location ID = deleted.Location ID
    )
    BEGIN
      SELECT @errno = 30001,
             @errmsg = 'Cannot delete JobPosting_PiyushK because
JobApplication PiyushK exists.'
     GOTO error
    END
   /* ERwin Builtin Trigger */
    /* Recruiter_PiyushK JobPosting_PiyushK on child delete no action */
    /* ERWIN_RELATION:CHECKSUM="00000000", PARENT_OWNER="",
PARENT_TABLE="Recruiter_PiyushK"
    CHILD_OWNER="", CHILD_TABLE="JobPosting_PiyushK"
    P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
    FK_CONSTRAINT="R_3", FK_COLUMNS="RecruiterWorkEmail_ID""Company_ID""Location_ID"
*/
```

```
CUIEEPrintFile2
    IF EXISTS (SELECT * FROM deleted, Recruiter_PiyushK
      WHERE
        /* %JoinFKPK(deleted, Recruiter_PiyushK, " = ", " AND") */
        deleted.RecruiterWorkEmail_ID = Recruiter_PiyushK.RecruiterWorkEmail_ID AND
        deleted.Company ID = Recruiter PiyushK.Company ID AND
        deleted.Location_ID = Recruiter_PiyushK.Location_ID AND
        NOT EXISTS (
          SELECT * FROM JobPosting_PiyushK
         WHERE
            /* %JoinFKPK(JobPosting_PiyushK, Recruiter_PiyushK," = "," AND") */
            JobPosting PiyushK.RecruiterWorkEmail ID =
Recruiter_PiyushK.RecruiterWorkEmail_ID AND
            JobPosting PiyushK.Company ID = Recruiter PiyushK.Company ID AND
            JobPosting_PiyushK.Location_ID = Recruiter_PiyushK.Location_ID
        )
    )
    BEGIN
      SELECT @errno = 30010,
             @errmsg = 'Cannot delete last JobPosting_PiyushK because
Recruiter_PiyushK exists.'
      GOTO error
    END
   /* ERwin Builtin Trigger */
```

RETURN

```
error:
   RAISERROR (@errmsg, -- Message text.
             @severity, -- Severity (0~25).
              @state) -- State (0~255).
    rollback transaction
END
go
CREATE TRIGGER tU_JobPosting_PiyushK ON JobPosting_PiyushK FOR UPDATE AS
/* ERwin Builtin Trigger */
/* UPDATE trigger on JobPosting_PiyushK */
BEGIN
 DECLARE @numrows int,
           @nullcnt int,
           @validcnt int,
           @insJob_ID integer,
           @insRecruiterWorkEmail_ID varchar(250),
           @insCompany_ID integer,
           @insLocation_ID integer,
           @errno int,
```

@severity int,

```
@state
                     int,
           @errmsg varchar(255)
  SELECT @numrows = @@rowcount
  /* ERwin Builtin Trigger */
  /* JobPosting_PiyushK JobApplication_PiyushK on parent update no action */
  /* ERWIN_RELATION:CHECKSUM="0003bd77", PARENT_OWNER="",
PARENT_TABLE="JobPosting_PiyushK"
    CHILD_OWNER="", CHILD_TABLE="JobApplication_PiyushK"
    P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
    FK_CONSTRAINT="R_5",
FK_COLUMNS="Job_ID""RecruiterWorkEmail_ID""Company_ID""Location_ID" */
  ΙF
    /* %ParentPK(" OR",UPDATE) */
   UPDATE(Job ID) OR
   UPDATE(RecruiterWorkEmail_ID) OR
   UPDATE(Company_ID) OR
   UPDATE(Location ID)
  BEGIN
    IF EXISTS (
      SELECT * FROM deleted, JobApplication_PiyushK
      WHERE
           %JoinFKPK(JobApplication_PiyushK,deleted," = "," AND") */
        JobApplication_PiyushK.Job_ID = deleted.Job_ID AND
        JobApplication_PiyushK.RecruiterWorkEmail_ID = deleted.RecruiterWorkEmail_ID
AND
```

```
JobApplication_PiyushK.Company_ID = deleted.Company_ID AND
        JobApplication_PiyushK.Location_ID = deleted.Location_ID
    )
    BEGIN
      SELECT @errno = 30005,
             @errmsg = 'Cannot update JobPosting_PiyushK because
JobApplication_PiyushK exists.'
     GOTO error
    END
  END
 /* ERwin Builtin Trigger */
 /* Recruiter_PiyushK JobPosting_PiyushK on child update no action */
  /* ERWIN_RELATION:CHECKSUM="00000000", PARENT_OWNER="",
PARENT_TABLE="Recruiter_PiyushK"
    CHILD_OWNER="", CHILD_TABLE="JobPosting_PiyushK"
    P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
    FK_CONSTRAINT="R_3", FK_COLUMNS="RecruiterWorkEmail_ID""Company_ID""Location_ID"
*/
 ΙF
   /* %ChildFK(" OR",UPDATE) */
   UPDATE(RecruiterWorkEmail_ID) OR
   UPDATE(Company_ID) OR
   UPDATE(Location_ID)
  BEGIN
```

```
SELECT @nullcnt = 0
    SELECT @validcnt = count(*)
      FROM inserted, Recruiter_PiyushK
        WHERE
          /* %JoinFKPK(inserted, Recruiter PiyushK) */
          inserted.RecruiterWorkEmail_ID = Recruiter_PiyushK.RecruiterWorkEmail_ID
and
          inserted.Company_ID = Recruiter_PiyushK.Company_ID and
          inserted.Location_ID = Recruiter_PiyushK.Location_ID
    /* %NotnullFK(inserted," IS NULL", "select @nullcnt = count(*) from inserted
where"," AND") */
    IF @validcnt + @nullcnt != @numrows
    BEGIN
      SELECT @errno = 30007,
             @errmsg = 'Cannot update JobPosting_PiyushK because Recruiter_PiyushK
does not exist.'
      GOTO error
    END
  END
  /* ERwin Builtin Trigger */
  RETURN
error:
   RAISERROR (@errmsg, -- Message text.
                                       Page 49
```

@severity, -- Severity (0~25).

```
@state) -- State (0~255).
    rollback transaction
END
go
CREATE TRIGGER tD_Location_PiyushK ON Location_PiyushK FOR DELETE AS
/* ERwin Builtin Trigger */
/* DELETE trigger on Location_PiyushK */
BEGIN
 DECLARE @errno
                  int,
          @severity int,
          @state
                    int,
          @errmsg varchar(255)
   /* ERwin Builtin Trigger */
    /* Location_PiyushK UserCurrentJobDetails_PiyushK on parent delete no action */
    /* ERWIN_RELATION:CHECKSUM="000271f3", PARENT_OWNER="",
PARENT_TABLE="Location_PiyushK"
    CHILD_OWNER="", CHILD_TABLE="UserCurrentJobDetails_PiyushK"
    P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
```

```
CUIEEPrintFile2
    FK_CONSTRAINT="R_49", FK_COLUMNS="Location_ID" */
    IF EXISTS (
      SELECT * FROM deleted,UserCurrentJobDetails_PiyushK
     WHERE
           %JoinFKPK(UserCurrentJobDetails PiyushK, deleted, " = ", " AND") */
       UserCurrentJobDetails_PiyushK.Location_ID = deleted.Location_ID
    )
    BEGIN
      SELECT @errno = 30001,
             @errmsg = 'Cannot delete Location_PiyushK because
UserCurrentJobDetails_PiyushK exists.'
     GOTO error
    END
   /* ERwin Builtin Trigger */
    /* Location_PiyushK Recruiter_PiyushK on parent delete no action */
    /* ERWIN_RELATION:CHECKSUM="00000000", PARENT_OWNER="",
PARENT_TABLE="Location_PiyushK"
    CHILD_OWNER="", CHILD_TABLE="Recruiter_PiyushK"
    P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
    FK_CONSTRAINT="R_45", FK_COLUMNS="Location_ID" */
    IF EXISTS (
      SELECT * FROM deleted, Recruiter_PiyushK
     WHERE
        /* %JoinFKPK(Recruiter_PiyushK, deleted, " = ", " AND") */
```

```
CUIEEPrintFile2
        Recruiter_PiyushK.Location_ID = deleted.Location_ID
    )
    BEGIN
     SELECT @errno = 30001,
             @errmsg = 'Cannot delete Location_PiyushK because Recruiter_PiyushK
exists.'
     GOTO error
    END
   /* ERwin Builtin Trigger */
    RETURN
error:
   RAISERROR (@errmsg, -- Message text.
              @severity, -- Severity (0~25).
              @state) -- State (0~255).
    rollback transaction
END
go
CREATE TRIGGER tU_Location_PiyushK ON Location_PiyushK FOR UPDATE AS
/* ERwin Builtin Trigger */
/* UPDATE trigger on Location_PiyushK */
```

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```
BEGIN
```

```
DECLARE @numrows int,
           @nullcnt int,
           @validcnt int,
           @insLocation_ID integer,
           @errno
                   int,
           @severity int,
           @state
                     int,
           @errmsg varchar(255)
  SELECT @numrows = @@rowcount
  /* ERwin Builtin Trigger */
  /* Location_PiyushK UserCurrentJobDetails_PiyushK on parent update no action */
  /* ERWIN_RELATION:CHECKSUM="00029098", PARENT_OWNER="",
PARENT_TABLE="Location_PiyushK"
    CHILD_OWNER="", CHILD_TABLE="UserCurrentJobDetails_PiyushK"
    P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
    FK_CONSTRAINT="R_49", FK_COLUMNS="Location_ID" */
 ΙF
    /* %ParentPK(" OR",UPDATE) */
   UPDATE(Location_ID)
  BEGIN
   IF EXISTS (
      SELECT * FROM deleted,UserCurrentJobDetails_PiyushK
```

```
WHERE
        /* %JoinFKPK(UserCurrentJobDetails_PiyushK, deleted, " = ", " AND") */
       UserCurrentJobDetails_PiyushK.Location_ID = deleted.Location_ID
    )
    BEGIN
     SELECT @errno = 30005,
             @errmsg = 'Cannot update Location_PiyushK because
UserCurrentJobDetails_PiyushK exists.'
     GOTO error
    END
  END
 /* ERwin Builtin Trigger */
 /* Location_PiyushK Recruiter_PiyushK on parent update no action */
  /* ERWIN_RELATION:CHECKSUM="00000000", PARENT_OWNER="",
PARENT_TABLE="Location_PiyushK"
    CHILD_OWNER="", CHILD_TABLE="Recruiter_PiyushK"
    P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
    FK_CONSTRAINT="R_45", FK_COLUMNS="Location_ID" */
 ΙF
    /* %ParentPK(" OR",UPDATE) */
   UPDATE(Location_ID)
  BEGIN
   IF EXISTS (
      SELECT * FROM deleted, Recruiter_PiyushK
```

```
WHERE
       /* %JoinFKPK(Recruiter_PiyushK, deleted, " = ", " AND") */
        Recruiter_PiyushK.Location_ID = deleted.Location_ID
    )
    BEGIN
      SELECT @errno = 30005,
             @errmsg = 'Cannot update Location_PiyushK because Recruiter_PiyushK
exists.'
     GOTO error
    END
 END
 /* ERwin Builtin Trigger */
 RETURN
error:
  RAISERROR (@errmsg, -- Message text.
              @severity, -- Severity (0~25).
              @state) -- State (0~255).
    rollback transaction
END
```

go

```
CREATE TRIGGER tD_Recruiter_PiyushK ON Recruiter_PiyushK FOR DELETE AS
/* ERwin Builtin Trigger */
/* DELETE trigger on Recruiter_PiyushK */
BEGIN
 DECLARE @errno
                    int,
           @severity int,
           @state
                     int,
           @errmsg varchar(255)
    /* ERwin Builtin Trigger */
    /* Recruiter PiyushK JobPosting PiyushK on parent delete no action */
    /* ERWIN_RELATION:CHECKSUM="0004398d", PARENT_OWNER="",
PARENT TABLE="Recruiter PiyushK"
    CHILD_OWNER="", CHILD_TABLE="JobPosting_PiyushK"
    P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
    FK_CONSTRAINT="R_3", FK_COLUMNS="RecruiterWorkEmail_ID""Company_ID""Location_ID"
*/
    IF EXISTS (
      SELECT * FROM deleted, JobPosting_PiyushK
     WHERE
           %JoinFKPK(JobPosting_PiyushK,deleted," = "," AND") */
        JobPosting_PiyushK.RecruiterWorkEmail_ID = deleted.RecruiterWorkEmail_ID AND
        JobPosting_PiyushK.Company_ID = deleted.Company_ID AND
        JobPosting_PiyushK.Location_ID = deleted.Location_ID
                                       Page 56
```

```
)
    BEGIN
      SELECT @errno = 30001,
             @errmsg = 'Cannot delete Recruiter_PiyushK because JobPosting_PiyushK
exists.'
     GOTO error
    END
    /* ERwin Builtin Trigger */
    /* Location_PiyushK Recruiter_PiyushK on child delete no action */
    /* ERWIN_RELATION:CHECKSUM="00000000", PARENT_OWNER="",
PARENT_TABLE="Location_PiyushK"
    CHILD_OWNER="", CHILD_TABLE="Recruiter_PiyushK"
    P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
    FK_CONSTRAINT="R_45", FK_COLUMNS="Location_ID" */
    IF EXISTS (SELECT * FROM deleted, Location_PiyushK
     WHERE
        /* %JoinFKPK(deleted,Location_PiyushK," = "," AND") */
        deleted.Location_ID = Location_PiyushK.Location_ID AND
        NOT EXISTS (
          SELECT * FROM Recruiter_PiyushK
         WHERE
            /* %JoinFKPK(Recruiter_PiyushK,Location_PiyushK," = "," AND") */
            Recruiter_PiyushK.Location_ID = Location_PiyushK.Location_ID
        )
```

```
)
    BEGIN
      SELECT @errno = 30010,
             @errmsg = 'Cannot delete last Recruiter_PiyushK because
Location PiyushK exists.'
     GOTO error
    END
    /* ERwin Builtin Trigger */
    /* Compay_PiyushK Recruiter_PiyushK on child delete no action */
    /* ERWIN_RELATION:CHECKSUM="00000000", PARENT_OWNER="",
PARENT_TABLE="Compay_PiyushK"
   CHILD_OWNER="", CHILD_TABLE="Recruiter_PiyushK"
    P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
    FK_CONSTRAINT="R_18", FK_COLUMNS="Company_ID" */
    IF EXISTS (SELECT * FROM deleted, Compay_PiyushK
     WHERE
       /* %JoinFKPK(deleted,Compay_PiyushK," = "," AND") */
        deleted.Company_ID = Compay_PiyushK.Company_ID AND
       NOT EXISTS (
          SELECT * FROM Recruiter_PiyushK
         WHERE
            /* %JoinFKPK(Recruiter_PiyushK,Compay_PiyushK," = "," AND") */
            Recruiter_PiyushK.Company_ID = Compay_PiyushK.Company_ID
        )
```

```
)
    BEGIN
      SELECT @errno = 30010,
             @errmsg = 'Cannot delete last Recruiter_PiyushK because Compay_PiyushK
exists.'
     GOTO error
    END
    /* ERwin Builtin Trigger */
    RETURN
error:
   RAISERROR (@errmsg, -- Message text.
              @severity, -- Severity (0~25).
              @state) -- State (0~255).
    rollback transaction
END
go
CREATE TRIGGER tU_Recruiter_PiyushK ON Recruiter_PiyushK FOR UPDATE AS
/* ERwin Builtin Trigger */
/* UPDATE trigger on Recruiter_PiyushK */
```

BEGIN

```
DECLARE @numrows int,
           @nullcnt int,
           @validcnt int,
           @insRecruiterWorkEmail_ID varchar(250),
           @insCompany_ID integer,
           @insLocation_ID integer,
           @errno
                    int,
           @severity int,
           @state
                     int,
           @errmsg varchar(255)
  SELECT @numrows = @@rowcount
  /* ERwin Builtin Trigger */
  /* Recruiter_PiyushK JobPosting_PiyushK on parent update no action */
  /* ERWIN_RELATION:CHECKSUM="00049e41", PARENT_OWNER="",
PARENT_TABLE="Recruiter_PiyushK"
    CHILD_OWNER="", CHILD_TABLE="JobPosting_PiyushK"
    P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
    FK_CONSTRAINT="R_3", FK_COLUMNS="RecruiterWorkEmail_ID""Company_ID""Location_ID"
*/
  ΙF
    /* %ParentPK(" OR",UPDATE) */
   UPDATE(RecruiterWorkEmail_ID) OR
    UPDATE(Company_ID) OR
```

```
UPDATE(Location_ID)
  BEGIN
    IF EXISTS (
      SELECT * FROM deleted, JobPosting_PiyushK
     WHERE
        /* %JoinFKPK(JobPosting_PiyushK,deleted," = "," AND") */
        JobPosting_PiyushK.RecruiterWorkEmail_ID = deleted.RecruiterWorkEmail_ID AND
        JobPosting_PiyushK.Company_ID = deleted.Company_ID AND
        JobPosting_PiyushK.Location_ID = deleted.Location_ID
    )
   BEGIN
      SELECT @errno = 30005,
             @errmsg = 'Cannot update Recruiter_PiyushK because JobPosting_PiyushK
exists.'
     GOTO error
    END
  END
  /* ERwin Builtin Trigger */
  /* Location_PiyushK Recruiter_PiyushK on child update no action */
  /* ERWIN_RELATION:CHECKSUM="00000000", PARENT_OWNER="",
PARENT_TABLE="Location_PiyushK"
    CHILD_OWNER="", CHILD_TABLE="Recruiter_PiyushK"
    P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
    FK_CONSTRAINT="R_45", FK_COLUMNS="Location_ID" */
```

```
ΙF
   /* %ChildFK(" OR",UPDATE) */
   UPDATE(Location_ID)
  BEGIN
    SELECT @nullcnt = 0
   SELECT @validcnt = count(*)
      FROM inserted, Location_PiyushK
       WHERE
          /* %JoinFKPK(inserted,Location_PiyushK) */
          inserted.Location_ID = Location_PiyushK.Location_ID
    /* %NotnullFK(inserted," IS NULL", "select @nullcnt = count(*) from inserted
where"," AND") */
   IF @validcnt + @nullcnt != @numrows
    BEGIN
     SELECT @errno = 30007,
             @errmsg = 'Cannot update Recruiter_PiyushK because Location_PiyushK
does not exist.'
     GOTO error
    END
  END
 /* ERwin Builtin Trigger */
 /* Compay_PiyushK Recruiter_PiyushK on child update no action */
  /* ERWIN_RELATION:CHECKSUM="00000000", PARENT_OWNER="",
PARENT_TABLE="Compay_PiyushK"
```

```
CHILD_OWNER="", CHILD_TABLE="Recruiter_PiyushK"
    P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
    FK_CONSTRAINT="R_18", FK_COLUMNS="Company_ID" */
 ΙF
    /* %ChildFK(" OR",UPDATE) */
   UPDATE(Company_ID)
  BEGIN
   SELECT @nullcnt = 0
    SELECT @validcnt = count(*)
      FROM inserted, Compay_PiyushK
       WHERE
          /* %JoinFKPK(inserted,Compay PiyushK) */
          inserted.Company_ID = Compay_PiyushK.Company_ID
    /* %NotnullFK(inserted," IS NULL", "select @nullcnt = count(*) from inserted
where"," AND") */
    IF @validcnt + @nullcnt != @numrows
    BEGIN
      SELECT @errno = 30007,
             @errmsg = 'Cannot update Recruiter_PiyushK because Compay_PiyushK does
not exist.'
      GOTO error
    END
  END
```

```
/* ERwin Builtin Trigger */
  RETURN
error:
   RAISERROR (@errmsg, -- Message text.
             @severity, -- Severity (0~25).
             @state) -- State (0~255).
    rollback transaction
END
go
CREATE TRIGGER tD_SalaryReview_PiyushK ON SalaryReview_PiyushK FOR DELETE AS
/* ERwin Builtin Trigger */
/* DELETE trigger on SalaryReview_PiyushK */
BEGIN
  DECLARE @errno int,
           @severity int,
           @state
                   int,
           @errmsg varchar(255)
    /* ERwin Builtin Trigger */
```

```
/* UserCurrentJobDetails_PiyushK SalaryReview_PiyushK on child delete no action
    /* ERWIN_RELATION:CHECKSUM="0002b0b5", PARENT_OWNER="",
PARENT TABLE="UserCurrentJobDetails PiyushK"
    CHILD_OWNER="", CHILD_TABLE="SalaryReview_PiyushK"
    P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
    FK CONSTRAINT="R 23",
FK_COLUMNS="UserEmailID""JobTitle""Company_ID""Location_ID" */
    IF EXISTS (SELECT * FROM deleted,UserCurrentJobDetails_PiyushK
      WHERE
        /* %JoinFKPK(deleted,UserCurrentJobDetails PiyushK," = "," AND") */
        deleted.JobTitle = UserCurrentJobDetails PiyushK.JobTitle AND
        deleted.UserEmailID = UserCurrentJobDetails_PiyushK.UserEmailID AND
        deleted.Company ID = UserCurrentJobDetails PiyushK.Company ID AND
        deleted.Location ID = UserCurrentJobDetails PiyushK.Location ID AND
        NOT EXISTS (
          SELECT * FROM SalaryReview_PiyushK
          WHERE
            /* %JoinFKPK(SalaryReview_PiyushK,UserCurrentJobDetails_PiyushK," = ","
AND") */
            SalaryReview_PiyushK.JobTitle = UserCurrentJobDetails_PiyushK.JobTitle
AND
            SalaryReview_PiyushK.UserEmailID =
UserCurrentJobDetails PiyushK.UserEmailID AND
            SalaryReview PiyushK.Company ID =
UserCurrentJobDetails PiyushK.Company ID AND
            SalaryReview_PiyushK.Location_ID =
UserCurrentJobDetails_PiyushK.Location_ID
                                       Page 65
```

```
)
    )
    BEGIN
      SELECT @errno = 30010,
             @errmsg = 'Cannot delete last SalaryReview_PiyushK because
UserCurrentJobDetails_PiyushK exists.'
     GOTO error
    END
    /* ERwin Builtin Trigger */
    RETURN
error:
   RAISERROR (@errmsg, -- Message text.
              @severity, -- Severity (0~25).
              @state) -- State (0~255).
    rollback transaction
END
go
CREATE TRIGGER tU_SalaryReview_PiyushK ON SalaryReview_PiyushK FOR UPDATE AS
/* ERwin Builtin Trigger */
```

```
CUIEEPrintFile2
/* UPDATE trigger on SalaryReview_PiyushK */
BEGIN
 DECLARE @numrows int,
           @nullcnt int,
           @validcnt int,
           @insSalaryReview_ID integer,
           @insUserEmailID varchar(50),
           @insJobTitle varchar(220),
           @insCompany_ID integer,
           @insLocation_ID integer,
           @errno
                    int,
           @severity int,
           @state
                     int,
           @errmsg varchar(255)
  SELECT @numrows = @@rowcount
  /* ERwin Builtin Trigger */
  /* UserCurrentJobDetails_PiyushK SalaryReview_PiyushK on child update no action
  /* ERWIN_RELATION:CHECKSUM="0002446f", PARENT_OWNER="",
PARENT_TABLE="UserCurrentJobDetails_PiyushK"
    CHILD_OWNER="", CHILD_TABLE="SalaryReview_PiyushK"
   P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
    FK CONSTRAINT="R 23",
FK_COLUMNS="UserEmailID""JobTitle""Company_ID""Location_ID" */
```

ΙF

```
/* %ChildFK(" OR",UPDATE) */
   UPDATE(JobTitle) OR
    UPDATE(UserEmailID) OR
   UPDATE(Company_ID) OR
    UPDATE(Location_ID)
  BEGIN
    SELECT @nullcnt = 0
    SELECT @validcnt = count(*)
      FROM inserted, UserCurrentJobDetails PiyushK
        WHERE
          /* %JoinFKPK(inserted,UserCurrentJobDetails_PiyushK) */
          inserted.JobTitle = UserCurrentJobDetails PiyushK.JobTitle and
          inserted.UserEmailID = UserCurrentJobDetails_PiyushK.UserEmailID and
          inserted.Company_ID = UserCurrentJobDetails_PiyushK.Company_ID and
          inserted.Location_ID = UserCurrentJobDetails_PiyushK.Location_ID
    /* %NotnullFK(inserted," IS NULL", "select @nullcnt = count(*) from inserted
where"," AND") */
    IF @validcnt + @nullcnt != @numrows
    BEGIN
      SELECT @errno = 30007,
             @errmsg = 'Cannot update SalaryReview_PiyushK because
UserCurrentJobDetails_PiyushK does not exist.'
     GOTO error
    END
```

END

```
/* ERwin Builtin Trigger */
  RETURN
error:
   RAISERROR (@errmsg, -- Message text.
              @severity, -- Severity (0~25).
              @state) -- State (0~255).
    rollback transaction
END
go
CREATE TRIGGER tD_User_PiyushK ON User_PiyushK FOR DELETE AS
/* ERwin Builtin Trigger */
/* DELETE trigger on User_PiyushK */
BEGIN
```

DECLARE @errno int,

@state

@severity int,

int,

```
@errmsg varchar(255)
    /* ERwin Builtin Trigger */
    /* User PiyushK UserCurrentJobDetails PiyushK on parent delete no action */
    /* ERWIN_RELATION:CHECKSUM="00025bc0", PARENT_OWNER="",
PARENT TABLE="User PiyushK"
    CHILD_OWNER="", CHILD_TABLE="UserCurrentJobDetails_PiyushK"
    P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
    FK CONSTRAINT="R 21", FK COLUMNS="UserEmailID" */
    IF EXISTS (
      SELECT * FROM deleted,UserCurrentJobDetails PiyushK
     WHERE
       /* %JoinFKPK(UserCurrentJobDetails_PiyushK, deleted, " = ", " AND") */
       UserCurrentJobDetails_PiyushK.UserEmailID = deleted.UserEmailID
    )
    BEGIN
      SELECT @errno = 30001,
             @errmsg = 'Cannot delete User_PiyushK because
UserCurrentJobDetails_PiyushK exists.'
     GOTO error
    END
    /* ERwin Builtin Trigger */
    /* User_PiyushK JobApplication_PiyushK on parent delete no action */
    /* ERWIN_RELATION:CHECKSUM="00000000", PARENT_OWNER="",
PARENT_TABLE="User_PiyushK"
```

```
CUIEEPrintFile2
    CHILD_OWNER="", CHILD_TABLE="JobApplication_PiyushK"
    P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
    FK_CONSTRAINT="R_17", FK_COLUMNS="UserEmailID" */
   IF EXISTS (
      SELECT * FROM deleted, JobApplication PiyushK
     WHERE
        /* %JoinFKPK(JobApplication_PiyushK,deleted," = "," AND") */
        JobApplication_PiyushK.UserEmailID = deleted.UserEmailID
    )
    BEGIN
      SELECT @errno = 30001,
             @errmsg = 'Cannot delete User_PiyushK because JobApplication_PiyushK
exists.'
     GOTO error
    END
   /* ERwin Builtin Trigger */
    RETURN
error:
   RAISERROR (@errmsg, -- Message text.
              @severity, -- Severity (0~25).
              @state) -- State (0~255).
    rollback transaction
END
```

go

```
CREATE TRIGGER tU_User_PiyushK ON User_PiyushK FOR UPDATE AS
/* ERwin Builtin Trigger */
/* UPDATE trigger on User_PiyushK */
BEGIN
 DECLARE @numrows int,
          @nullcnt int,
          @validcnt int,
          @insUserEmailID varchar(50),
          @errno
                  int,
          @severity int,
          @state
                    int,
          @errmsg varchar(255)
  SELECT @numrows = @@rowcount
  /* ERwin Builtin Trigger */
 /* User_PiyushK UserCurrentJobDetails_PiyushK on parent update no action */
  /* ERWIN_RELATION:CHECKSUM="00028fc9", PARENT_OWNER="",
PARENT_TABLE="User_PiyushK"
    CHILD_OWNER="", CHILD_TABLE="UserCurrentJobDetails_PiyushK"
    P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
```

```
CUIEEPrintFile2
    FK_CONSTRAINT="R_21", FK_COLUMNS="UserEmailID" */
  ΙF
    /* %ParentPK(" OR",UPDATE) */
   UPDATE(UserEmailID)
  BEGIN
   IF EXISTS (
      SELECT * FROM deleted,UserCurrentJobDetails_PiyushK
     WHERE
        /* %JoinFKPK(UserCurrentJobDetails_PiyushK,deleted," = "," AND") */
       UserCurrentJobDetails_PiyushK.UserEmailID = deleted.UserEmailID
    )
    BEGIN
     SELECT @errno = 30005,
             @errmsg = 'Cannot update User_PiyushK because
UserCurrentJobDetails_PiyushK exists.'
     GOTO error
    END
  END
  /* ERwin Builtin Trigger */
  /* User_PiyushK JobApplication_PiyushK on parent update no action */
  /* ERWIN RELATION: CHECKSUM="00000000", PARENT OWNER="",
PARENT_TABLE="User_PiyushK"
    CHILD_OWNER="", CHILD_TABLE="JobApplication_PiyushK"
    P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
```

```
CUIEEPrintFile2
    FK_CONSTRAINT="R_17", FK_COLUMNS="UserEmailID" */
 ΙF
    /* %ParentPK(" OR",UPDATE) */
   UPDATE(UserEmailID)
 BEGIN
    IF EXISTS (
     SELECT * FROM deleted, JobApplication_PiyushK
     WHERE
        /* %JoinFKPK(JobApplication_PiyushK,deleted," = "," AND") */
        JobApplication_PiyushK.UserEmailID = deleted.UserEmailID
    )
    BEGIN
     SELECT @errno = 30005,
             @errmsg = 'Cannot update User_PiyushK because JobApplication_PiyushK
exists.'
     GOTO error
    END
  END
 /* ERwin Builtin Trigger */
  RETURN
error:
  RAISERROR (@errmsg, -- Message text.
              @severity, -- Severity (0~25).
                                       Page 74
```

```
@state) -- State (0~255).
    rollback transaction
END
go
CREATE TRIGGER tD_UserCurrentJobDetails_PiyushK ON UserCurrentJobDetails_PiyushK FOR
DELETE AS
/* ERwin Builtin Trigger */
/* DELETE trigger on UserCurrentJobDetails_PiyushK */
BEGIN
 DECLARE @errno
                  int,
           @severity int,
           @state
                     int,
           @errmsg varchar(255)
   /* ERwin Builtin Trigger */
   /* UserCurrentJobDetails_PiyushK BenwfitReview_PiyushK on parent delete no
action */
    /* ERWIN_RELATION:CHECKSUM="000ad706", PARENT_OWNER="",
PARENT_TABLE="UserCurrentJobDetails_PiyushK"
    CHILD_OWNER="", CHILD_TABLE="BenwfitReview_PiyushK"
    P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
```

```
FK CONSTRAINT="R 48",
FK_COLUMNS="UserEmailID""JobTitle""Company_ID""Location_ID" */
    IF EXISTS (
      SELECT * FROM deleted, BenwfitReview PiyushK
      WHERE
        /* %JoinFKPK(BenwfitReview PiyushK,deleted," = "," AND") */
        BenwfitReview PiyushK.JobTitle = deleted.JobTitle AND
        BenwfitReview_PiyushK.UserEmailID = deleted.UserEmailID AND
        BenwfitReview PiyushK.Company ID = deleted.Company ID AND
        BenwfitReview PiyushK.Location ID = deleted.Location ID
    )
    BEGIN
      SELECT @errno = 30001,
             @errmsg = 'Cannot delete UserCurrentJobDetails_PiyushK because
BenwfitReview PiyushK exists.'
      GOTO error
    END
    /* ERwin Builtin Trigger */
    /* UserCurrentJobDetails_PiyushK CompanyReview_PiyushK on parent delete no
action */
    /* ERWIN_RELATION:CHECKSUM="00000000", PARENT_OWNER="",
PARENT_TABLE="UserCurrentJobDetails_PiyushK"
    CHILD_OWNER="", CHILD_TABLE="CompanyReview_PiyushK"
    P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
    FK_CONSTRAINT="R_47",
FK_COLUMNS="UserEmailID""JobTitle""Company_ID""Location_ID" */
                                       Page 76
```

```
IF EXISTS (
      SELECT * FROM deleted,CompanyReview_PiyushK
     WHERE
        /* %JoinFKPK(CompanyReview PiyushK, deleted, " = ", " AND") */
       CompanyReview PiyushK.JobTitle = deleted.JobTitle AND
       CompanyReview_PiyushK.UserEmailID = deleted.UserEmailID AND
        CompanyReview_PiyushK.Company_ID = deleted.Company_ID AND
       CompanyReview PiyushK.Location ID = deleted.Location ID
    )
    BEGIN
      SELECT @errno = 30001,
             @errmsg = 'Cannot delete UserCurrentJobDetails PiyushK because
CompanyReview_PiyushK exists.'
      GOTO error
    END
   /* ERwin Builtin Trigger */
    /* UserCurrentJobDetails_PiyushK InterviewReview_PiyushK on parent delete no
action */
    /* ERWIN_RELATION:CHECKSUM="00000000", PARENT_OWNER="",
PARENT_TABLE="UserCurrentJobDetails_PiyushK"
    CHILD_OWNER="", CHILD_TABLE="InterviewReview_PiyushK"
    P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
    FK CONSTRAINT="R 24",
FK_COLUMNS="UserEmailID""JobTitle""Company_ID""Location_ID" */
    IF EXISTS (
```

```
SELECT * FROM deleted,InterviewReview_PiyushK
     WHERE
        /* %JoinFKPK(InterviewReview PiyushK,deleted," = "," AND") */
        InterviewReview_PiyushK.JobTitle = deleted.JobTitle AND
        InterviewReview_PiyushK.UserEmailID = deleted.UserEmailID AND
        InterviewReview_PiyushK.Company_ID = deleted.Company_ID AND
        InterviewReview_PiyushK.Location_ID = deleted.Location_ID
    )
    BEGIN
      SELECT @errno = 30001,
             @errmsg = 'Cannot delete UserCurrentJobDetails_PiyushK because
InterviewReview_PiyushK exists.'
     GOTO error
    END
   /* ERwin Builtin Trigger */
    /* UserCurrentJobDetails_PiyushK SalaryReview_PiyushK on parent delete no
action */
    /* ERWIN_RELATION:CHECKSUM="00000000", PARENT_OWNER="",
PARENT_TABLE="UserCurrentJobDetails_PiyushK"
    CHILD_OWNER="", CHILD_TABLE="SalaryReview_PiyushK"
    P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
    FK CONSTRAINT="R_23",
FK_COLUMNS="UserEmailID""JobTitle""Company_ID""Location_ID" */
    IF EXISTS (
      SELECT * FROM deleted, SalaryReview PiyushK
                                       Page 78
```

```
WHERE
           %JoinFKPK(SalaryReview PiyushK, deleted, " = ", " AND") */
        SalaryReview PiyushK.JobTitle = deleted.JobTitle AND
        SalaryReview PiyushK.UserEmailID = deleted.UserEmailID AND
        SalaryReview_PiyushK.Company_ID = deleted.Company_ID AND
        SalaryReview_PiyushK.Location_ID = deleted.Location_ID
    )
    BEGIN
      SELECT @errno = 30001,
             @errmsg = 'Cannot delete UserCurrentJobDetails_PiyushK because
SalaryReview PiyushK exists.'
     GOTO error
    END
    /* ERwin Builtin Trigger */
    /* Location_PiyushK UserCurrentJobDetails_PiyushK on child delete no action */
    /* ERWIN_RELATION:CHECKSUM="00000000", PARENT_OWNER="",
PARENT TABLE="Location PiyushK"
    CHILD OWNER="", CHILD TABLE="UserCurrentJobDetails PiyushK"
    P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
    FK_CONSTRAINT="R_49", FK_COLUMNS="Location_ID" */
    IF EXISTS (SELECT * FROM deleted, Location_PiyushK
     WHERE
        /* %JoinFKPK(deleted,Location_PiyushK," = "," AND") */
        deleted.Location_ID = Location_PiyushK.Location_ID AND
```

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```
NOT EXISTS (
          SELECT * FROM UserCurrentJobDetails_PiyushK
         WHERE
            /* %JoinFKPK(UserCurrentJobDetails_PiyushK,Location_PiyushK," = ","
AND") */
            UserCurrentJobDetails_PiyushK.Location_ID = Location_PiyushK.Location_ID
        )
    )
    BEGIN
      SELECT @errno = 30010,
             @errmsg = 'Cannot delete last UserCurrentJobDetails_PiyushK because
Location_PiyushK exists.'
      GOTO error
    END
   /* ERwin Builtin Trigger */
    /* Compay_PiyushK UserCurrentJobDetails_PiyushK on child delete no action */
    /* ERWIN_RELATION:CHECKSUM="00000000", PARENT_OWNER="",
PARENT_TABLE="Compay_PiyushK"
    CHILD_OWNER="", CHILD_TABLE="UserCurrentJobDetails_PiyushK"
    P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
    FK_CONSTRAINT="R_46", FK_COLUMNS="Company_ID" */
    IF EXISTS (SELECT * FROM deleted, Compay_PiyushK
     WHERE
       /* %JoinFKPK(deleted,Compay_PiyushK," = "," AND") */
```

```
CUIEEPrintFile2
        deleted.Company_ID = Compay_PiyushK.Company_ID AND
        NOT EXISTS (
          SELECT * FROM UserCurrentJobDetails_PiyushK
         WHERE
            /* %JoinFKPK(UserCurrentJobDetails PiyushK, Compay PiyushK, " = "," AND")
*/
            UserCurrentJobDetails_PiyushK.Company_ID = Compay_PiyushK.Company_ID
        )
    )
    BEGIN
      SELECT @errno = 30010,
             @errmsg = 'Cannot delete last UserCurrentJobDetails_PiyushK because
Compay_PiyushK exists.'
     GOTO error
    END
    /* ERwin Builtin Trigger */
    /* User PiyushK UserCurrentJobDetails PiyushK on child delete no action */
    /* ERWIN_RELATION:CHECKSUM="00000000", PARENT_OWNER="",
PARENT_TABLE="User_PiyushK"
    CHILD_OWNER="", CHILD_TABLE="UserCurrentJobDetails_PiyushK"
    P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
    FK_CONSTRAINT="R_21", FK_COLUMNS="UserEmailID" */
    IF EXISTS (SELECT * FROM deleted,User_PiyushK
     WHERE
        /* %JoinFKPK(deleted,User PiyushK," = "," AND") */
```

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```
deleted.UserEmailID = User_PiyushK.UserEmailID AND
        NOT EXISTS (
          SELECT * FROM UserCurrentJobDetails_PiyushK
          WHERE
            /* %JoinFKPK(UserCurrentJobDetails_PiyushK,User_PiyushK," = "," AND") */
            UserCurrentJobDetails_PiyushK.UserEmailID = User_PiyushK.UserEmailID
        )
    )
    BEGIN
      SELECT @errno = 30010,
             @errmsg = 'Cannot delete last UserCurrentJobDetails_PiyushK because
User_PiyushK exists.'
     GOTO error
    END
    /* ERwin Builtin Trigger */
    RETURN
error:
   RAISERROR (@errmsg, -- Message text.
              @severity, -- Severity (0~25).
              @state) -- State (0~255).
    rollback transaction
END
```

go

```
CREATE TRIGGER tU_UserCurrentJobDetails_PiyushK ON UserCurrentJobDetails_PiyushK FOR
UPDATE AS
/* ERwin Builtin Trigger */
/* UPDATE trigger on UserCurrentJobDetails_PiyushK */
BEGIN
 DECLARE @numrows int,
           @nullcnt int,
           @validcnt int,
           @insJobTitle varchar(220),
           @insUserEmailID varchar(50),
           @insCompany_ID integer,
           @insLocation_ID integer,
           @errno
                    int,
           @severity int,
           @state
                    int,
           @errmsg varchar(255)
 SELECT @numrows = @@rowcount
 /* ERwin Builtin Trigger */
 /* UserCurrentJobDetails_PiyushK BenwfitReview_PiyushK on parent update no action
```

```
CUIEEPrintFile2
  /* ERWIN RELATION: CHECKSUM="000ba689", PARENT OWNER="",
PARENT_TABLE="UserCurrentJobDetails_PiyushK"
    CHILD_OWNER="", CHILD_TABLE="BenwfitReview_PiyushK"
    P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
    FK CONSTRAINT="R 48",
FK COLUMNS="UserEmailID""JobTitle""Company ID""Location ID" */
  ΙF
    /* %ParentPK(" OR",UPDATE) */
   UPDATE(JobTitle) OR
   UPDATE(UserEmailID) OR
   UPDATE(Company_ID) OR
   UPDATE(Location_ID)
  BEGIN
    IF EXISTS (
      SELECT * FROM deleted, BenwfitReview PiyushK
     WHERE
        /* %JoinFKPK(BenwfitReview_PiyushK,deleted," = "," AND") */
        BenwfitReview PiyushK.JobTitle = deleted.JobTitle AND
        BenwfitReview_PiyushK.UserEmailID = deleted.UserEmailID AND
        BenwfitReview_PiyushK.Company_ID = deleted.Company_ID AND
        BenwfitReview_PiyushK.Location_ID = deleted.Location_ID
    )
    BEGIN
      SELECT @errno = 30005,
             @errmsg = 'Cannot update UserCurrentJobDetails_PiyushK because
BenwfitReview_PiyushK exists.'
```

```
GOTO error
    END
  END
  /* ERwin Builtin Trigger */
  /* UserCurrentJobDetails_PiyushK CompanyReview_PiyushK on parent update no action
  /* ERWIN_RELATION:CHECKSUM="00000000", PARENT_OWNER="",
PARENT_TABLE="UserCurrentJobDetails_PiyushK"
    CHILD_OWNER="", CHILD_TABLE="CompanyReview_PiyushK"
    P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
    FK CONSTRAINT="R 47",
FK_COLUMNS="UserEmailID""JobTitle""Company_ID""Location_ID" */
  ΙF
   /* %ParentPK(" OR",UPDATE) */
   UPDATE(JobTitle) OR
   UPDATE(UserEmailID) OR
   UPDATE(Company ID) OR
   UPDATE(Location_ID)
  BEGIN
    IF EXISTS (
      SELECT * FROM deleted,CompanyReview_PiyushK
     WHERE
           %JoinFKPK(CompanyReview_PiyushK,deleted," = "," AND") */
        CompanyReview_PiyushK.JobTitle = deleted.JobTitle AND
```

```
CUIEEPrintFile2
        CompanyReview PiyushK.UserEmailID = deleted.UserEmailID AND
        CompanyReview_PiyushK.Company_ID = deleted.Company_ID AND
       CompanyReview_PiyushK.Location_ID = deleted.Location_ID
    )
    BEGIN
      SELECT @errno = 30005,
             @errmsg = 'Cannot update UserCurrentJobDetails_PiyushK because
CompanyReview_PiyushK exists.'
     GOTO error
    END
  END
 /* ERwin Builtin Trigger */
  /* UserCurrentJobDetails_PiyushK InterviewReview_PiyushK on parent update no
action */
  /* ERWIN_RELATION:CHECKSUM="00000000", PARENT_OWNER="",
PARENT_TABLE="UserCurrentJobDetails_PiyushK"
    CHILD_OWNER="", CHILD_TABLE="InterviewReview_PiyushK"
    P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
    FK_CONSTRAINT="R_24",
FK_COLUMNS="UserEmailID""JobTitle""Company_ID""Location_ID" */
  ΙF
    /* %ParentPK(" OR",UPDATE) */
   UPDATE(JobTitle) OR
   UPDATE(UserEmailID) OR
    UPDATE(Company_ID) OR
```

```
UPDATE(Location ID)
  BEGIN
    IF EXISTS (
      SELECT * FROM deleted,InterviewReview_PiyushK
     WHERE
        /* %JoinFKPK(InterviewReview_PiyushK,deleted," = "," AND") */
        InterviewReview_PiyushK.JobTitle = deleted.JobTitle AND
        InterviewReview_PiyushK.UserEmailID = deleted.UserEmailID AND
        InterviewReview_PiyushK.Company_ID = deleted.Company_ID AND
        InterviewReview_PiyushK.Location_ID = deleted.Location_ID
    )
    BEGIN
      SELECT @errno = 30005,
             @errmsg = 'Cannot update UserCurrentJobDetails PiyushK because
InterviewReview_PiyushK exists.'
     GOTO error
    END
  END
 /* ERwin Builtin Trigger */
  /* UserCurrentJobDetails_PiyushK SalaryReview_PiyushK on parent update no action
  /* ERWIN RELATION: CHECKSUM="00000000", PARENT OWNER="",
PARENT_TABLE="UserCurrentJobDetails_PiyushK"
    CHILD_OWNER="", CHILD_TABLE="SalaryReview_PiyushK"
    P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
                                       Page 87
```

```
FK_CONSTRAINT="R_23",
FK_COLUMNS="UserEmailID""JobTitle""Company_ID""Location_ID" */
 ΙF
   /* %ParentPK(" OR",UPDATE) */
   UPDATE(JobTitle) OR
   UPDATE(UserEmailID) OR
   UPDATE(Company_ID) OR
   UPDATE(Location_ID)
  BEGIN
    IF EXISTS (
      SELECT * FROM deleted, SalaryReview_PiyushK
     WHERE
        /* %JoinFKPK(SalaryReview PiyushK,deleted," = "," AND") */
        SalaryReview PiyushK.JobTitle = deleted.JobTitle AND
        SalaryReview_PiyushK.UserEmailID = deleted.UserEmailID AND
        SalaryReview_PiyushK.Company_ID = deleted.Company_ID AND
        SalaryReview_PiyushK.Location_ID = deleted.Location_ID
    )
    BEGIN
      SELECT @errno = 30005,
             @errmsg = 'Cannot update UserCurrentJobDetails_PiyushK because
SalaryReview PiyushK exists.'
     GOTO error
    END
  END
```

```
/* ERwin Builtin Trigger */
  /* Location_PiyushK UserCurrentJobDetails_PiyushK on child update no action */
  /* ERWIN_RELATION:CHECKSUM="00000000", PARENT_OWNER="",
PARENT TABLE="Location PiyushK"
    CHILD_OWNER="", CHILD_TABLE="UserCurrentJobDetails_PiyushK"
    P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
    FK CONSTRAINT="R 49", FK COLUMNS="Location ID" */
  ΙF
    /* %ChildFK(" OR",UPDATE) */
   UPDATE(Location ID)
  BEGIN
    SELECT @nullcnt = 0
    SELECT @validcnt = count(*)
      FROM inserted, Location_PiyushK
        WHERE
          /* %JoinFKPK(inserted,Location PiyushK) */
          inserted.Location_ID = Location_PiyushK.Location_ID
    /* %NotnullFK(inserted," IS NULL", "select @nullcnt = count(*) from inserted
where"," AND") */
    IF @validcnt + @nullcnt != @numrows
    BEGIN
      SELECT @errno = 30007,
             @errmsg = 'Cannot update UserCurrentJobDetails_PiyushK because
                                       Page 89
```

```
Location PiyushK does not exist.'
     GOTO error
    END
  END
 /* ERwin Builtin Trigger */
  /* Compay_PiyushK UserCurrentJobDetails_PiyushK on child update no action */
  /* ERWIN_RELATION:CHECKSUM="00000000", PARENT_OWNER="",
PARENT_TABLE="Compay_PiyushK"
    CHILD_OWNER="", CHILD_TABLE="UserCurrentJobDetails_PiyushK"
    P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
    FK_CONSTRAINT="R_46", FK_COLUMNS="Company_ID" */
 ΙF
    /* %ChildFK(" OR",UPDATE) */
   UPDATE(Company_ID)
  BEGIN
    SELECT @nullcnt = 0
    SELECT @validcnt = count(*)
      FROM inserted, Compay_PiyushK
       WHERE
          /* %JoinFKPK(inserted, Compay_PiyushK) */
          inserted.Company_ID = Compay_PiyushK.Company_ID
    /* %NotnullFK(inserted," IS NULL", "select @nullcnt = count(*) from inserted
where"," AND") */
```

```
CUIEEPrintFile2
    IF @validcnt + @nullcnt != @numrows
    BEGIN
      SELECT @errno = 30007,
             @errmsg = 'Cannot update UserCurrentJobDetails_PiyushK because
Compay_PiyushK does not exist.'
     GOTO error
    END
  END
 /* ERwin Builtin Trigger */
 /* User_PiyushK UserCurrentJobDetails_PiyushK on child update no action */
  /* ERWIN_RELATION:CHECKSUM="00000000", PARENT_OWNER="",
PARENT_TABLE="User_PiyushK"
    CHILD_OWNER="", CHILD_TABLE="UserCurrentJobDetails_PiyushK"
    P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
    FK_CONSTRAINT="R_21", FK_COLUMNS="UserEmailID" */
  ΙF
    /* %ChildFK(" OR",UPDATE) */
   UPDATE(UserEmailID)
  BEGIN
    SELECT @nullcnt = 0
    SELECT @validcnt = count(*)
      FROM inserted, User_PiyushK
       WHERE
          /* %JoinFKPK(inserted,User_PiyushK) */
```

CUIEEPrintFile2 inserted.UserEmailID = User_PiyushK.UserEmailID

```
/* %NotnullFK(inserted," IS NULL","select @nullcnt = count(*) from inserted
where"," AND") */
    IF @validcnt + @nullcnt != @numrows
    BEGIN
      SELECT @errno = 30007,
             @errmsg = 'Cannot update UserCurrentJobDetails_PiyushK because
User_PiyushK does not exist.'
      GOTO error
    END
  END
  /* ERwin Builtin Trigger */
  RETURN
error:
   RAISERROR (@errmsg, -- Message text.
              @severity, -- Severity (0~25).
              @state) -- State (0~255).
    rollback transaction
END
```

go