

```
Your tuition balance: 12000.00 | Your Payment: 15000.00'
END

BEGIN TRANSACTION

UPDATE Students2
SET Tuition_Fee=Tuition_Fee-2700 -- This is the 15% of 18000.
WHERE S_ID=50

UPDATE Students2
SET Balance=Balance-Balance
WHERE S_ID=50
COMMIT;
SELECT * FROM Students2

BEGIN TRANSACTION

UPDATE Payment
SET Date='2020-08-05'
WHERE P_ID=6

UPDATE Payment
SET Amount=15300
WHERE P_ID=6

SELECT * FROM Payment
```

```
SELECT * FROM Payment

BEGIN
  Declare @Balance INT;
  if @Balance > 12000
  PRINT 'The transaction could not proceed, the payment that have been received was overpaid. Please try again.'
  PRINT 'The transaction could not proceed, the payment that have been received was overpaid. Please try again.'
  Your tuition balance: 12000.00 | Your Payment: 15000.00'
END

BEGIN TRANSACTION

UPDATE Students2
SET Tuition_Fee=Tuition_Fee-2700 -- This is the 15% of 18000.
WHERE S_ID=50

UPDATE Students2
SET Balance=Balance-Balance
WHERE S_ID=50
COMMIT;
SELECT * FROM Students2

BEGIN TRANSACTION

UPDATE Payment
SET Date='2020-08-05'
WHERE P_ID=6

UPDATE Payment
```

```
BEGIN TRANSACTION
UPDATE Students2
SET Balance=Balance-15000
WHERE s_id=50

SELECT * FROM Students2

UPDATE Students2
SET Balance=Balance-15000
WHERE s_id=50
ROLLBACK TRAN

SELECT * FROM Students2

UPDATE Students2
SET Balance=Balance-Balance
WHERE s_id=90

SELECT * FROM Students2

BEGIN TRANSACTION
UPDATE Payment
SET Date='2020-07-28'
WHERE P_ID=4

UPDATE Payment
SET Amount=15000
WHERE P_ID=4

SELECT * FROM Payment
```

```
BEGIN TRANSACTION
UPDATE Students2
SET Balance= Balance - 1000
WHERE S_ID=20

UPDATE Students2
SET Balance= Balance - 1000
WHERE S_ID=70
COMMIT;
SELECT * FROM Students2

BEGIN TRANSACTION
UPDATE Payment
SET Date='2020-07-21'
WHERE P_ID=2

UPDATE Payment
SET Amount=1000
WHERE P_ID=2

UPDATE Payment
SET Date='2020-07-21'
WHERE P_ID=3

UPDATE Payment
SET Amount=1000
WHERE P_ID=3
COMMIT;
SELECT * FROM Payment
```

```

DROP TABLE IF EXISTS Payment;
DROP TABLE IF EXISTS Students2;
CREATE TABLE [dbo].[Payment](
    [P_ID] [int] NULL,
    [Date] [date] NULL,
    [Amount] [decimal](18, 2) NULL,
    [S_ID] [int] NULL
);
CREATE TABLE [dbo].[Students2](
    [S_ID] [int] NULL,
    [Name] [varchar](50) NULL,
    [Tuition_Fee] [decimal](18, 2) NULL,
    [Balance] [decimal](18, 2) NULL
);
INSERT [dbo].[Payment] ([P_ID], [Date], [Amount], [S_ID]) VALUES (1, CAST(N'2020-07-20' AS Date), CAST(23000.00 AS Decimal(18, 2)), 10);
INSERT [dbo].[Payment] ([P_ID], [Date], [Amount], [S_ID]) VALUES (2, CAST(N'2020-07-20' AS Date), CAST(0.00 AS Decimal(18, 2)), 20);
INSERT [dbo].[Payment] ([P_ID], [Date], [Amount], [S_ID]) VALUES (3, CAST(N'2020-07-20' AS Date), CAST(0.00 AS Decimal(18, 2)), 70);
INSERT [dbo].[Payment] ([P_ID], [Date], [Amount], [S_ID]) VALUES (4, CAST(N'2020-07-20' AS Date), CAST(0.00 AS Decimal(18, 2)), 90);
INSERT [dbo].[Payment] ([P_ID], [Date], [Amount], [S_ID]) VALUES (6, CAST(N'2020-07-20' AS Date), CAST(0.00 AS Decimal(18, 2)), 50);

INSERT [dbo].[Students2] ([S_ID], [Name], [Tuition_Fee], [Balance]) VALUES (10, N'Abaddon', CAST(23000.00 AS Decimal(18, 2)), CAST(0.00 AS Deci
INSERT [dbo].[Students2] ([S_ID], [Name], [Tuition_Fee], [Balance]) VALUES (20, N'Medusa', CAST(25000.00 AS Decimal(18, 2)), CAST(13000.00 AS D
INSERT [dbo].[Students2] ([S_ID], [Name], [Tuition_Fee], [Balance]) VALUES (50, N'Slark', CAST(18000.00 AS Decimal(18, 2)), CAST(18000.00 AS De
INSERT [dbo].[Students2] ([S_ID], [Name], [Tuition_Fee], [Balance]) VALUES (70, N'Leshrac', CAST(29000.00 AS Decimal(18, 2)), CAST(26000.00 AS
INSERT [dbo].[Students2] ([S_ID], [Name], [Tuition_Fee], [Balance]) VALUES (90, N'Lina', CAST(15000.00 AS Decimal(18, 2)), CAST(15000.00 AS Dec

SELECT * FROM Payment
SELECT * FROM Students2

BEGIN TRANSACTION
UPDATE Students2

```

100 %

Results Messages