

Query: Provide the Grading based on Marks

```
create database Examples
use Examples
--drop database Examples
--drop table School
Create table School(RollNo integer Primary Key,
StudentName varchar (15),
Marks integer, Grade Varchar(11))
---- INSERT VALUES INTO TABLE
insert into School values(1,'Apple',75,'NA')
insert into School values(2,'Banana',40,'NA')
insert into School values(3,'Orange',48,'NA')
insert into School values(4,'Grapes',57,'NA')
insert into School values(5,'Papaya',60,'NA')
insert into School values(6,'Lemon',35,'NA')
insert into School values(7,'Mango',87,'NA')
insert into School values(8,'Orange',50,'NA')
--select * from School
Declare @Marks int, @RollNo int

DECLARE Cur_Grading CURSOR
FOR select RollNo from School
OPEN Cur_Grading
FETCH NEXT from Cur_Grading into @RollNo
while @@FETCH_STATUS = 0
Begin
Select @Marks = Marks from School where RollNo =
@RollNo
If @Marks <= 100 and @Marks >= 60
    update School set Grade = 'First' where RollNo =
@RollNo
Else if @Marks >= 50 and @Marks < 60
    update School set Grade = 'Second' where RollNo
= @RollNo
```

```
Else if @Marks >= 35 and @Marks < 50
    update School set Grade = 'Third' where RollNo
= @RollNo
Else if @Marks >= 35 and @Marks < 50
    update School set Grade = 'Third' where RollNo
= @RollNo
Else
    update School set Grade = 'Fail' where RollNo =
@RollNo
FETCH NEXT from Cur_Grading into @RollNo
end
Close Cur_Grading
DEALLOCATE Cur_Grading
Select * from School
```

Q:Provide the Grading to the Marks

Table Name = School				Result			
RollNo	StudentName	Marks	Grade	RollNo	StudentName	Marks	Grade
1	Apple	75	NA	1	Apple	75	First
2	Banana	40	NA	2	Banana	40	Third
3	Orange	48	NA	3	Orange	48	Third
4	Grapes	57	NA	4	Grapes	57	Second
5	Papaya	60	NA	5	Papaya	60	First
6	Lemon	35	NA	6	Lemon	35	Third
7	Mango	87	NA	7	Mango	87	First
8	Orange	50	NA	8	Orange	50	Second