

Generated using SQL Data Dictionary demo version.

## **ExaminationSys**

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## Tables:

### Table dbo.Choices (153 rows)

*The choices of each Question*

	Column	Data Type	Identity	Nullable	Default
<b>PK, FK</b>	Q_ID	int			
<b>PK</b>	Choice	nvarchar(200)			
<b>PK</b>	label	char(1)			

#### Indexes:

**PK\_Choices** (Primary Key) (Clustered)

Q\_ID  
Choice  
label

#### References:

**dbo.Question** (Q\_ID -> ID)

#### Used by:

**Procedure dbo.ExamView**

### Table dbo.Course (2 rows)

*The Available Courses and thier info*

	Column	Data Type	Identity	Nullable	Default
<b>PK</b>	ID	int	X		
	Title	nvarchar(20)		X	
<b>FK</b>	topic_id	int		X	

#### Indexes:

**PK\_Course** (Primary Key) (Clustered)

ID

#### References:

**dbo.Topic** (topic\_id)

#### Referenced by:

**dbo.Course\_Inst** (Crs\_ID -> ID)

**dbo.CourseQuestion** (CID -> ID)

**dbo.Std\_Course** (Crs\_ID -> ID)

#### Used by:

**Procedure dbo.Delete\_Course**

**Procedure dbo.Insert\_Course**

**Procedure dbo.report\_Ins\_Crs\_std**

**Procedure dbo.report\_TopicName\_crsid**

**Procedure dbo.Select\_AllCoursesAndTheirQuestions**

**Procedure dbo.Select\_Course**

**Procedure dbo.SelectCourseStudent**

**Procedure dbo.Update\_Course**

**View dbo.exam\_g**

### **Table dbo.Course\_Inst** (2 rows)

*Represent the many to many relation between the Course and Instructor where the instructor can teach many courses and the course can be taught by many instructors*

	Column	Data Type	Identity	Nullable	Default
<b>PK, FK</b>	Crs_ID	int			
<b>PK, FK</b>	Inst_ID	int			

#### **Indexes:**

**PK\_Course\_Inst** (Primary Key) (Clustered)

Crs\_ID  
Inst\_ID

#### **References:**

**dbo.Course** (Crs\_ID -> ID)

**dbo.Instructor** (Inst\_ID -> Ins\_ID)

#### **Used by:**

**Procedure dbo.Delete\_CourseInstbyCourse**

**Procedure dbo.Delete\_CourseInstbyInst**

**Procedure dbo.Insert\_CourseIns**

**Procedure dbo.report\_Ins\_Crs\_std**

**Procedure dbo.Select\_CourseIns**

**Procedure dbo.Update\_CourseInst**

**Procedure dbo.Update\_CourseInstbycrs**

### **Table dbo.CourseQuestion** (54 rows)

*Represent the Many to Many Relation between the course and the question where the course can have many questions and the question exists in many courses*

	Column	Data Type	Identity	Nullable	Default
<b>PK, FK</b>	CID	int			
<b>PK, FK</b>	QID	int			

#### **Indexes:**

**PK\_CourseQuestion** (Primary Key) (Clustered)

CID  
QID

#### **References:**

**dbo.Course** (*CID -> ID*)

**dbo.Question** (*QID -> ID*)

**Used by:**

**Procedure** **dbo.Delete\_CourseQuesByQID**

**Procedure** **dbo.Delete\_CourseQuestionByCrId**

**Procedure** **dbo.ExaminationSystem\_Correction**

**Procedure** **dbo.Insert\_CourseQuestion**

**Procedure** **dbo.Select\_AllCourseQues**

**Procedure** **dbo.Select\_AllCoursesAndTheirQuestions**

**Procedure** **dbo.Select\_CourseIDByQuesID**

**Procedure** **dbo.Select\_QuesIDByCourseID**

**View** **dbo.exam\_g**

**Table** **dbo.Department** (*3 rows*)

*Departments available and thier info*

	Column	Data Type	Identity	Nullable	Default
<b>PK</b>	dept_id	int	X		
	name	varchar(50)		X	
	location	varchar(50)		X	

**Indexes:**

**PK\_Department** (*Primary Key*) (*Clustered*)

dept\_id

**Referenced by:**

**dbo.Instructor** (*dept\_id*)

**dbo.Student** (*dept\_id*)

**Used by:**

**Procedure** **dbo.Delete\_Department**

**Procedure** **dbo.Insert\_Depart**

**Procedure** **dbo.update\_Department**

**Table** **dbo.Exam** (*20 rows*)

*Contain the exam ID and all the IDs of its Questions IDs*

	Column	Data Type	Identity	Nullable	Default
<b>PK</b>	Ex_ID	int			
<b>PK, FK</b>	Ques_ID	int			

**Indexes:**

**PK\_Exam** (Primary Key) (Clustered)

Ex\_ID  
Ques\_ID

**References:**

**dbo.Question** (Ques\_ID -> ID)

**Used by:**

Procedure **dbo.Exam\_Answers**

Procedure **dbo.Exam\_Generation**

Procedure **dbo.ExaminationSystem\_Correction**

Procedure **dbo.ExamView**

Procedure **dbo.report\_exam\_questions**

**Table dbo.Exam\_Question\_Student** (10 rows)

Represent the ternary relation between the Student ,Exam and Question  
and store the student answers and his grade

	Column	Data Type	Identity	Nullable	Default
<b>PK, FK</b>	Std_ID	int			
<b>PK</b>	Ex_Id	int			
<b>PK, FK</b>	Q_ID	int			
	St_Answer	char(1)		X	
	St_grade	float		X	

**Indexes:**

**PK\_Exam\_Question\_Student\_1** (Primary Key) (Clustered)

Std\_ID  
Ex\_Id  
Q\_ID

**examstudindex**

Std\_ID

**References:**

**dbo.Question** (Q\_ID -> ID)

**dbo.Student** (Std\_ID -> ID)

**Triggers:**

**invalid\_update\_answer** (After Update)

**Used by:**

Function **dbo.Calculate\_Grade**

Procedure **dbo.Exam\_Answers**

Procedure **dbo.Exam\_Correction**

Procedure **dbo.report\_exques\_stdans**

**Table dbo.Instructor** (5 rows)



The Instructor info and thier department

	Column	Data Type	Identity	Nullable	Default
<b>PK</b>	Ins_ID	int	X		
	Name	nvarchar(50)		X	
<b>FK</b>	dept_id	int		X	

**Indexes:**

**PK\_Instructor** (Primary Key) (Clustered)

Ins\_ID

**References:**

**dbo.Department** (dept\_id)

**Referenced by:**

**dbo.Course\_Inst** (Inst\_ID -> Ins\_ID)

**Used by:**

**Procedure dbo.Insert\_Instructor**

**Procedure dbo.Update\_Instructor**

**Table dbo.Question** (54 rows)

Contain All the Questions info like the Grade Level Type Correct Answer  
Question Body

	Column	Data Type	Identity	Nullable	Default
<b>PK</b>	ID	int	X		
	QuestionBody	nvarchar(max)		X	
	Grade	float		X	
	Correct_Answer	char(1)		X	
	Que_Level	char(1)		X	
	Type	bit		X	

**Indexes:**

**PK\_Question** (Primary Key) (Clustered)

ID

**Referenced by:**

**dbo.Choices** (Q\_ID -> ID)

**dbo.CourseQuestion** (QID -> ID)

**dbo.Exam** (Ques\_ID -> ID)

**dbo.Exam\_Question\_Student** (Q\_ID -> ID)

**Used by:**

**Function dbo.Calculate\_Grade**

Procedure dbo.Exam\_Correction

Procedure dbo.ExaminationSystem\_Correction

Procedure dbo.ExamView

Procedure dbo.report\_exam\_questions

Procedure dbo.report\_exques\_stdans

View dbo.exam\_g

### **Table dbo.Std\_Course** (3 rows)

*Represent the many to many relation between the student and the course and the grade of students in each course*

	Column	Data Type	Identity	Nullable	Default
<b>PK, FK</b>	Std_ID	int			
<b>PK, FK</b>	Crs_ID	int			
	grade	float		X	

#### **Indexes:**

**PK\_Std\_Course** (Primary Key) (Clustered)

Std\_ID  
Crs\_ID

#### **References:**

**dbo.Course** (Crs\_ID -> ID)

**dbo.Student** (Std\_ID -> ID)

#### **Used by:**

Procedure dbo.CalculateGrade

Procedure dbo.Delete\_CourseStudentByCrs\_Id

Procedure dbo.Delete\_CourseStudentBySt\_ID

Procedure dbo.ExaminationSystem\_Correction

Procedure dbo.Insert\_CourseStudent

Procedure dbo.report\_Ins\_Crs\_std

Procedure dbo.report\_Std\_grades

Procedure dbo.SelectCourseStudent

Procedure dbo.Update\_CourseStudent

### **Table dbo.Student** (10 rows)

*Contain the students Infos*

	Column	Data Type	Identity	Nullable	Default
<b>PK</b>	ID	int	X		
	FName	nvarchar(20)		X	
	LName	nvarchar(20)		X	
	Age	int		X	
<b>FK</b>	dept_id	int		X	

**Indexes:**

**PK\_Student** (*Primary Key*) (*Clustered*)

ID

**References:**

**dbo.Department** (*dept\_id*)

**Referenced by:**

**dbo.Exam\_Question\_Student** (*Std\_ID -> ID*)

**dbo.Std\_Course** (*Std\_ID -> ID*)

**Used by:**

**Procedure dbo.Delete\_Student**

**Procedure dbo.Insert\_Student**

**Procedure dbo.report\_std\_dept**

**Procedure dbo.Select\_Student**

**Procedure dbo.SelectCourseStudent**

**Procedure dbo.Update\_StudentByID**

**Table dbo.Topic** (*2 rows*)

*The Topics and thier infos*

	Column	Data Type	Identity	Nullable	Default
<b>PK</b>	topic_id	int	X		
	name	varchar(50)		X	

**Indexes:**

**PK\_Topic** (*Primary Key*) (*Clustered*)

topic\_id

**Referenced by:**

**dbo.Course** (*topic\_id*)

**Used by:**

**Procedure dbo.Delete\_Topic**

**Procedure dbo.Insert\_Topic**

**Procedure dbo.update\_Topic**

## **Views:**

### **View dbo.exam\_g**

Column	Data Type	Nullable
QID	int	
Correct_Answer	char(1)	X
Grade	float	X
Que_Level	char(1)	X
QuestionBody	nvarchar(max)	X
Type	bit	X
courseid	int	

### **Used by:**

**Procedure dbo.Exam\_Generation**

### **Uses:**

**Table dbo.Course**

**Table dbo.CourseQuestion**

**Table dbo.Question**

## **Procedures:**

### **Procedure dbo.CalculateGrade**

Parameter	Data Type	Default	Is Output
@std_Id	int		
@Ex_Id	int		
@crs_id	int		

#### **Used by:**

Procedure dbo.ExaminationSystem\_Correction

#### **Uses:**

Function dbo.Calculate\_Grade

Table dbo.Std\_Course

### **Procedure dbo.Delete\_Choice**

Parameter	Data Type	Default	Is Output
@QID	int		

### **Procedure dbo.Delete\_Course**

Parameter	Data Type	Default	Is Output
@CID	int		

#### **Uses:**

Table dbo.Course

### **Procedure dbo.Delete\_CourseInstbyCourse**

Parameter	Data Type	Default	Is Output
@crs_ID	int		

#### **Uses:**

Table dbo.Course\_Inst

### **Procedure dbo.Delete\_CourseInstbyInst**

Parameter	Data Type	Default	Is Output
@Inst_ID	int		

#### **Uses:**

Table dbo.Course\_Inst

### **Procedure dbo.Delete\_CourseQuesByQID**

Parameter	Data Type	Default	Is Output
@ID	int		

**Uses:**

Table dbo.CourseQuestion

**Procedure dbo.Delete\_CourseQuestionByCrsId**

Parameter	Data Type	Default	Is Output
@ID	int		

**Uses:**

Table dbo.CourseQuestion

**Procedure dbo.Delete\_CourseStudentByCrs\_Id**

Parameter	Data Type	Default	Is Output
@crs_id	int		

**Uses:**

Table dbo.Std\_Course

**Procedure dbo.Delete\_CourseStudentBySt\_ID**

Parameter	Data Type	Default	Is Output
@st_id	int		

**Uses:**

Table dbo.Std\_Course

**Procedure dbo.Delete\_Department**

Parameter	Data Type	Default	Is Output
@id	int		

**Uses:**

Table dbo.Department

**Procedure dbo.Delete\_EQS**

Parameter	Data Type	Default	Is Output
@qid	int		
@stdid	int		
@exid	int		

**Procedure dbo.Delete\_Exam**

Parameter	Data Type	Default	Is Output
@exid	int		

### **Procedure dbo.Delete\_Instructor**

Parameter	Data Type	Default	Is Output
@ID	int		

### **Procedure dbo.Delete\_Question**

Parameter	Data Type	Default	Is Output
@ID	int		

### **Procedure dbo.Delete\_Student**

Parameter	Data Type	Default	Is Output
@id	int		

#### **Uses:**

Table dbo.Student

### **Procedure dbo.Delete\_Topic**

Parameter	Data Type	Default	Is Output
@id	int		

#### **Uses:**

Table dbo.Topic

### **Procedure dbo.Exam\_Answers**

Parameter	Data Type	Default	Is Output
@std_ID	int		
@Ex_ID	int		
@A1	char(1)		
@A2	char(1)		
@A3	char(1)		
@A4	char(1)		
@A5	char(1)		
@A6	char(1)		
@A7	char(1)		
@A8	char(1)		
@A9	char(1)		
@A10	char(1)		

#### **Used by:**

Procedure dbo.ExaminationSystem\_Correction

#### **Uses:**

Table dbo.Exam

Table dbo.Exam\_Question\_Student

### **Procedure dbo.Exam\_Correction**

Parameter	Data Type	Default	Is Output
@std_id	int		
@ex_id	int		

**Used by:**

Procedure **dbo.ExaminationSystem\_Correction**

**Uses:**

Table **dbo.Exam\_Question\_Student**

Table **dbo.Question**

**Procedure dbo.Exam\_Generation**

Parameter	Data Type	Default	Is Output
@Crs_Id	int		
@CountT_F	int		
@countMCQ	int		
@Level	char(1)		

**Uses:**

Table **dbo.Exam**

View **dbo.exam\_g**

**Procedure dbo.ExaminationSystem\_Correction**

Parameter	Data Type	Default	Is Output
@std_ID	int		
@Ex_ID	int		
@A1	char(1)		
@A2	char(1)		
@A3	char(1)		
@A4	char(1)		
@A5	char(1)		
@A6	char(1)		
@A7	char(1)		
@A8	char(1)		
@A9	char(1)		
@A10	char(1)		

**Uses:**

Procedure **dbo.CalculateGrade**

Procedure **dbo.Exam\_Answers**

Procedure **dbo.Exam\_Correction**

Table **dbo.CourseQuestion**

Table **dbo.Exam**

Table **dbo.Question**

Table **dbo.Std\_Course**



### **Procedure dbo.ExamView**

Parameter	Data Type	Default	Is Output
@ExamID	int		

#### **Result:**

Column	Data Type	Nullable
QuestionBody	nvarchar(max)	X
label	char(1)	
Choice	nvarchar(200)	

#### **Uses:**

Table dbo.Choices

Table dbo.Exam

Table dbo.Question

### **Procedure dbo.Insert\_Choice**

Parameter	Data Type	Default	Is Output
@QID	int		
@Choice	nvarchar(20)		
@label	char(1)		

### **Procedure dbo.Insert\_Course**

Parameter	Data Type	Default	Is Output
@Cname	varchar(20)		
@topic_id	int		

#### **Uses:**

Table dbo.Course

### **Procedure dbo.Insert\_CourseIns**

Parameter	Data Type	Default	Is Output
@crs_ID	int		
@Inst_ID	int		

#### **Uses:**

Table dbo.Course\_Inst

### **Procedure dbo.Insert\_CourseQuestion**

Parameter	Data Type	Default	Is Output
@CID	int		
@QID	int		

**Uses:**

Table **dbo.CourseQuestion**

**Procedure dbo.Insert\_CourseStudent**

Parameter	Data Type	Default	Is Output
@st_id	int		
@crs_id	int		

**Uses:**

Table **dbo.Std\_Course**

**Procedure dbo.Insert\_Depart**

Parameter	Data Type	Default	Is Output
@name	varchar(50)		
@loc	varchar(50)		

**Uses:**

Table **dbo.Department**

**Procedure dbo.Insert\_EQS**

Parameter	Data Type	Default	Is Output
@qid	int		
@stdid	int		
@exid	int		
@at_ans	char(1)		
@st_grade	float		

**Procedure dbo.Insert\_Exam**

Parameter	Data Type	Default	Is Output
@date	date		
@stid	int		

**Procedure dbo.Insert\_Instructor**

Parameter	Data Type	Default	Is Output
@Name	nvarchar(20)		
@dept_id	int		

**Uses:**

Table **dbo.Instructor**

**Procedure dbo.Insert\_Question**

Parameter	Data Type	Default	Is Output
@QuestionBody	nvarchar(50)		
@Grade	float		

@Correct_Answer	char(1)		
@Que_Level	char(1)		
@Type	bit		

### **Procedure dbo.Insert\_Student**

Parameter	Data Type	Default	Is Output
@FName	nvarchar(20)		
@LName	nvarchar(20)		
@Age	int		
@dept_id	int		

#### **Uses:**

Table dbo.Student

### **Procedure dbo.Insert\_Topic**

Parameter	Data Type	Default	Is Output
@name	varchar(50)		

#### **Uses:**

Table dbo.Topic

### **Procedure dbo.report\_exam\_questions**

Parameter	Data Type	Default	Is Output
@ex_id	int		

#### **Result:**

Column	Data Type	Nullable
QuestionBody	nvarchar(max)	X

#### **Uses:**

Table dbo.Exam

Table dbo.Question

### **Procedure dbo.report\_exques\_stdans**

Parameter	Data Type	Default	Is Output
@exam_id	int		
@std_id	int		

#### **Result:**

Column	Data Type	Nullable
QuestionBody	nvarchar(max)	X
St_Answer	char(1)	X

#### **Uses:**

Table dbo.Exam\_Question\_Student

Table dbo.Question

### **Procedure dbo.report\_Ins\_Crs\_std**

Parameter	Data Type	Default	Is Output
@ins_id	int		

#### **Result:**

Column	Data Type	Nullable
(No column name)	int	X
Title	nvarchar(20)	X

#### **Uses:**

Table dbo.Course

Table dbo.Course\_Inst

Table dbo.Std\_Course

### **Procedure dbo.report\_std\_dept**

*No parameters.*

#### **Result:**

Column	Data Type	Nullable
dept_id	int	
ID	int	
FName	nvarchar(20)	X
LName	nvarchar(20)	X
Age	int	X

#### **Uses:**

Table dbo.Student

### **Procedure dbo.report\_Std\_grades**

Parameter	Data Type	Default	Is Output
@Std_id	int		

#### **Result:**

Column	Data Type	Nullable
Std_ID	int	
Crs_ID	int	
grade	float	X

#### **Uses:**

Table dbo.Std\_Course

### **Procedure dbo.report\_TopicName\_crsid**

Parameter	Data Type	Default	Is Output
@crs_id	int		

**Result:**

Column	Data Type	Nullable
name	varchar(50)	X

**Uses:**

Table **dbo.Course**

**Procedure dbo.Select\_AllChoices**

*No parameters.*

**Result:**

Column	Data Type	Nullable
Q_ID	int	
Choice	nvarchar(200)	
label	char(1)	

**Procedure dbo.Select\_AllCourseQues**

*No parameters.*

**Result:**

Column	Data Type	Nullable
CID	int	
QID	int	

**Uses:**

Table **dbo.CourseQuestion**

**Procedure dbo.Select\_AllCoursesAndTheirQuestions**

*No parameters.*

**Result:**

Column	Data Type	Nullable
ID	int	
Title	nvarchar(20)	X
topic_id	int	X
CID	int	
QID	int	
ID	int	
QuestionBody	nvarchar(max)	X
Grade	float	X
Correct_Answer	char(1)	X
Que_Level	char(1)	X
Type	bit	X

**Uses:**

Table dbo.Course

Table dbo.CourseQuestion

**Procedure dbo.Select\_AllQuestion**

*No parameters.*

**Result:**

Column	Data Type	Nullable
ID	int	
QuestionBody	nvarchar(max)	X
Grade	float	X
Correct_Answer	char(1)	X
Que_Level	char(1)	X
Type	bit	X

**Procedure dbo.Select\_AllTopic**

*No parameters.*

**Result:**

Column	Data Type	Nullable
topic_id	int	
name	varchar(50)	X

**Procedure dbo.Select\_Course**

*No parameters.*

**Result:**

Column	Data Type	Nullable
ID	int	
Title	nvarchar(20)	X
topic_id	int	X

**Uses:**

Table dbo.Course

**Procedure dbo.Select\_CourseIDByQuesID**

Parameter	Data Type	Default	Is Output
@QID	int		

**Result:**

Column	Data Type	Nullable
CID	int	
QID	int	

**Uses:**

Table **dbo.CourseQuestion**

**Procedure dbo.Select\_CourseIns**

*No parameters.*

**Result:**

Column	Data Type	Nullable
Crs_ID	int	
Inst_ID	int	

**Uses:**

Table **dbo.Course\_Inst**

**Procedure dbo.Select\_EQS**

*No parameters.*

**Result:**

Column	Data Type	Nullable
Std_ID	int	
Ex_Id	int	
Q_ID	int	
St_Answer	char(1)	X
St_grade	float	X

**Procedure dbo.Select\_exam**

*No parameters.*

**Result:**

Column	Data Type	Nullable
Ex_ID	int	
Ques_ID	int	

**Procedure dbo.Select\_QuesIDByCourseID**

Parameter	Data Type	Default	Is Output
@CID	int		

**Result:**

Column	Data Type	Nullable
CID	int	
QID	int	

**Uses:**

Table **dbo.CourseQuestion**

### **Procedure dbo.Select\_Student**

Parameter	Data Type	Default	Is Output
@id	int		

#### **Result:**

Column	Data Type	Nullable
ID	int	
FName	nvarchar(20)	X
LName	nvarchar(20)	X
Age	int	X
dept_id	int	X

#### **Uses:**

Table dbo.Student

### **Procedure dbo.SelectChoiceDyID**

Parameter	Data Type	Default	Is Output
@QID	int		

#### **Result:**

Column	Data Type	Nullable
Q_ID	int	
Choice	nvarchar(200)	
label	char(1)	

### **Procedure dbo.SelectCourseStudent**

Parameter	Data Type	Default	Is Output
@crs_id	int		
@st_id	int		

#### **Result:**

Column	Data Type	Nullable
FName	nvarchar(20)	X
Title	nvarchar(20)	X

#### **Uses:**

Table dbo.Course

Table dbo.Std\_Course

Table dbo.Student

### **Procedure dbo.Update\_Course**

Parameter	Data Type	Default	Is Output
@CID	int		
@Cname	varchar(20)		
@topic_id	int		



**Uses:**

Table dbo.Course

**Procedure dbo.Update\_CourseInst**

Parameter	Data Type	Default	Is Output
@crs_ID	int		
@Inst_ID	int		

**Uses:**

Table dbo.Course\_Inst

**Procedure dbo.Update\_CourseInstbycrs**

Parameter	Data Type	Default	Is Output
@crs_ID	int		
@Inst_ID	int		

**Uses:**

Table dbo.Course\_Inst

**Procedure dbo.Update\_CourseStudent**

Parameter	Data Type	Default	Is Output
@st_id	int		
@crs_id	int		
@grade	float		

**Uses:**

Table dbo.Std\_Course

**Procedure dbo.update\_Department**

Parameter	Data Type	Default	Is Output
@id	int		
@name	varchar(50)		
@loc	varchar(50)		

**Uses:**

Table dbo.Department

**Procedure dbo.Update\_EQS**

Parameter	Data Type	Default	Is Output
@qid	int		
@stdid	int		
@exid	int		
@at_ans	char(1)		
@st_grade	float		

### **Procedure dbo.Update\_Exam**

Parameter	Data Type	Default	Is Output
@exid	int		
@date	date		
@stid	int		

### **Procedure dbo.Update\_Instructor**

Parameter	Data Type	Default	Is Output
@Ins_ID	int		
@Name	nvarchar(20)		
@dept_id	int		

#### **Uses:**

Table **dbo.Instructor**

### **Procedure dbo.Update\_StudentByID**

Parameter	Data Type	Default	Is Output
@id	int		
@FName	nvarchar(20)		
@LName	nvarchar(20)		
@Age	int		
@dept_id	int		

#### **Uses:**

Table **dbo.Student**

### **Procedure dbo.update\_Topic**

Parameter	Data Type	Default	Is Output
@id	int		
@name	varchar(50)		

#### **Uses:**

Table **dbo.Topic**

## **Functions:**

### **Scalar Function dbo.Calculate\_Grade**

Parameter	Data Type	Default
@std_Id	int	
@Ex_Id	int	

#### **Result:**

Data Type	Nullable
float	X

#### **Used by:**

Procedure dbo.CalculateGrade

#### **Uses:**

Table dbo.Exam\_Question\_Student

Table dbo.Question