ExaminationSystem

Tables:

Procedures:

Tables:

Table dbo._User *(11 rows)*

	Column	Data Type	Identity	Nullable	Default
PK	UID	int	X		
	userName	varchar(50)			
	Password	nchar(10)			
	FName	nchar(10)			
	LName	nchar(10)			
	Address	nchar(50)		X	
	Birth_Date	date		X	
	UserType	nchar(1)			

Indexes:

> **PK_User** *(Primary Key) (Clustered)*
>
> > UID

Referenced by:

> **dbo.Instructor** *(InsID -> UID)*
>
> **dbo.Student** *(StID -> UID)*

Table dbo.Choices *(82 rows)*

	Column	Data Type	Identity	Nullable	Default
PK, FK	QId	int			
PK	Choice	varchar(1)			
	Description	nchar(300)		X	

Indexes:

> **PK_Choices** *(Primary Key) (Clustered)*
>
> > QId
> > Choice

References:

> **dbo.Question** *(QId)*

Used by:

> **Procedure dbo.DeleteChoices**
>
> **Procedure dbo.getExamQuestions**
>
> **Procedure dbo.InsertChoices**
>
> **Procedure dbo.SelectAllChoice**
>
> **Procedure dbo.SelectChoices**
>
> **Procedure dbo.UpdateChoices**

Table dbo.Course *(4 rows)*

	Column	Data Type	Identity	Nullable	Default
PK	CId	int	X		

	Column	Data Type	Identity	Nullable	Default
	CName	nchar(10)		X	
	CDuration	int		X	

Indexes:

> **PK_Course** *(Primary Key) (Clustered)*
>
> > CId

Referenced by:

> **dbo.GradeStudentCourse** *(CId)*
>
> **dbo.InstructorCourse** *(CId)*
>
> **dbo.Question** *(Cid -> CId)*
>
> **dbo.StudentExamCourse** *(Cid -> CId)*
>
> **dbo.Topic** *(CId)*

Used by:

> **Procedure dbo.DeleteONCourse**
>
> **Procedure dbo.getSutdentgrades**
>
> **Procedure dbo.InsertONCourse**
>
> **Procedure dbo.NCourse_NumStud**
>
> **Procedure dbo.SelectAllCourses**
>
> **Procedure dbo.SelectONCourse**
>
> **Procedure dbo.UpdateONCourse**

Table dbo.Department *(5 rows)*

	Column	Data Type	Identity	Nullable	Default
PK	DeptID	int	X		
	DeptName	varchar(20)		X	
FK	ManagerID	int		X	

Indexes:

> **PK_Department** *(Primary Key) (Clustered)*
>
> > DeptID

References:

> **dbo.Instructor** *(ManagerID -> InsID)*

Referenced by:

> **dbo.Instructor** *(DeptId -> DeptID)*

Table dbo.Exam *(6 rows)*

	Column	Data Type	Identity	Nullable	Default
PK	ExamId	int	X		
	ExamDuration	int		X	
	ExamDate	date		X	

Indexes:

> **PK_Exam** *(Primary Key) (Clustered)*
>
>> ExamId

Referenced by:

> **dbo.ExamQuestion** *(ExamId)*
>
> **dbo.StudentExamCourse** *(ExamId)*
>
> **dbo.StudentExamQuestion** *(ExamId)*

Table dbo.ExamQuestion *(46 rows)*

	Column	Data Type	Identity	Nullable	Default
PK, FK	ExamId	int			
PK, FK	QId	int			

Indexes:

> **PK_ExamQuestion** *(Primary Key) (Clustered)*
>
>> ExamId
>> QId

References:

> **dbo.Exam** *(ExamId)*
>
> **dbo.Question** *(QId)*
>
> **dbo.Question** *(QId)*

Used by:

> **Procedure dbo.DisplayExamId_QuesId**
>
> **Procedure dbo.DisplayExamIdAndQuesId**
>
> **Procedure dbo.Exam_Answers**
>
> **Procedure dbo.ExamDetails**
>
> **Procedure dbo.generateExam**
>
> **Procedure dbo.getExamQuestions**
>
> **Procedure dbo.Insert_Exam_Question**
>
> **Procedure dbo.sp_DeleteExam_Question**
>
> **Procedure dbo.Update_Exam_Question**

Table dbo.GradeStudentCourse *(10 rows)*

	Column	Data Type	Identity	Nullable	Default
PK, FK	SId	int			
PK, FK	CId	int			
	Grade	int		X	

Indexes:

PK_StudentCourse *(Primary Key) (Clustered)*

SId
CId

References:

dbo.Course *(CId)*

dbo.Student *(SId -> StID)*

Used by:

Procedure dbo.DeleteONCourse

Procedure dbo.ExamCorrection

Procedure dbo.getSutdentgrades

Procedure dbo.Insert_Student_Course

Procedure dbo.NCourse_NumStud

Procedure dbo.sp_DelteGrade

Procedure dbo.sp_DelteGradeStudentCourse

Procedure dbo.sp_insert_GradeStudentCourse

Procedure dbo.sp_SelectAll

Procedure dbo.sp_selectGrade

Procedure dbo.sp_updateGrade

Table dbo.Instructor *(5 rows)*

	Column	Data Type	Identity	Nullable	Default
PK, FK	InsID	int			
	Salary	int		X	
	HireDate	date		X	
FK	DeptId	int		X	

Indexes:

PK_Instructor *(Primary Key) (Clustered)*

InsID

References:

dbo._User *(InsID -> UID)*

dbo.Department *(DeptId -> DeptID)*

Referenced by:

dbo.Department *(ManagerID -> InsID)*

dbo.InstructorCourse *(InsId -> InsID)*

Used by:

Procedure dbo.Insert_Instructor

Table dbo.InstructorCourse *(5 rows)*

	Column	Data Type	Identity	Nullable	Default
PK, FK	InsId	int			
PK, FK	CId	int			

Indexes:

>**PK_InstructorCourse** *(Primary Key) (Clustered)*
>
>>InsId
>>CId

References:

>**dbo.Course** *(CId)*
>
>**dbo.Instructor** *(InsId -> InsID)*

Used by:

>**Procedure dbo.Delete_Instructor**
>
>**Procedure dbo.DeleteONCourse**
>
>**Procedure dbo.DisplayInstructor_Course**
>
>**Procedure dbo.DisplayInstructorCourse**
>
>**Procedure dbo.insertInstructorCourse**
>
>**Procedure dbo.NCourse_NumStud**
>
>**Procedure dbo.sp_DeleteInstructorCourse**
>
>**Procedure dbo.sp_updateInstructorCourse**

Table dbo.Question *(42 rows)*

	Column	Data Type	Identity	Nullable	Default
PK	QId	int	X		
	QDescription	varchar(max)		X	
	QType	char(10)		X	
	Model_Answer	nchar(1)		X	
FK	Cid	int		X	

Indexes:

>**PK_Question** *(Primary Key) (Clustered)*
>
>>QId

References:

>**dbo.Course** *(Cid -> CId)*

Referenced by:

>**dbo.Choices** *(QId)*
>
>**dbo.ExamQuestion** *(QId)*
>
>**dbo.ExamQuestion** *(QId)*
>
>**dbo.StudentExamQuestion** *(QId)*

Used by:

> **Procedure dbo.ExamCorrection**
>
> **Procedure dbo.generateExam**
>
> **Procedure dbo.getExamQuestions**

Table dbo.Student *(6 rows)*

	Column	Data Type	Identity	Nullable	Default
PK, FK	StID	int			
	Deptid	int		X	

Indexes:

> **PK_Student** *(Primary Key) (Clustered)*
>
> > StID

References:

> **dbo._User** *(StID -> UID)*

Referenced by:

> **dbo.GradeStudentCourse** *(SId -> StID)*
>
> **dbo.StudentExamCourse** *(SId -> StID)*
>
> **dbo.StudentExamQuestion** *(SId -> StID)*

Used by:

> **Procedure dbo.Delete_Department**
>
> **Procedure dbo.deleteStudent**
>
> **Procedure dbo.deleteUser**
>
> **Procedure dbo.getDepartment**
>
> **Procedure dbo.getDepratmentStudents**
>
> **Procedure dbo.insertStudent**
>
> **Procedure dbo.selectStudent**
>
> **Procedure dbo.selectStudentById**
>
> **Procedure dbo.updateStudent**

Table dbo.StudentExamCourse *(7 rows)*

	Column	Data Type	Identity	Nullable	Default
PK, FK	SId	int			
PK, FK	Cid	int			
PK, FK	ExamId	int			

Indexes:

> **PK_StudentExamCourse** *(Primary Key) (Clustered)*
>
> > SId
> > Cid

ExamId

References:

> **dbo.Course** *(Cid -> CId)*
>
> **dbo.Exam** *(ExamId)*
>
> **dbo.Student** *(SId -> StID)*

Used by:

> **Procedure dbo.Delete_Student_EXAM_Course**
>
> **Procedure dbo.DeleteONCourse**
>
> **Procedure dbo.ExamCorrection**
>
> **Procedure dbo.Insert_Student_EXAM_Course**
>
> **Procedure dbo.Select_Student_EXAM_Course**
>
> **Procedure dbo.Select_Student_EXAM_Course_All**
>
> **Procedure dbo.Update_Student_EXAM_Course**

Table dbo.StudentExamQuestion *(27 rows)*

	Column	Data Type	Identity	Nullable	Default
PK, FK	SId	int			
PK, FK	QId	int			
PK, FK	ExamId	int			
	StudentAnswer	nchar(1)		X	

Indexes:

> **PK_StudentExamQuestion** *(Primary Key) (Clustered)*
>
>> SId
>> QId
>> ExamId

References:

> **dbo.Exam** *(ExamId)*
>
> **dbo.Question** *(QId)*
>
> **dbo.Student** *(SId -> StID)*

Table dbo.Topic *(14 rows)*

	Column	Data Type	Identity	Nullable	Default
PK, FK	CId	int			
PK	TopicName	varchar(50)			

Indexes:

> **PK_Topic** *(Primary Key) (Clustered)*
>
>> CId
>> TopicName

References:

dbo.Course *(CId)*

Used by:

Procedure dbo.Delete_Topic

Procedure dbo.DeleteONCourse

Procedure dbo.Insert_Topic

Procedure dbo.Select_Topic

Procedure dbo.Select_Topic_All

Procedure dbo.Update_Topic

Procedures:

Procedure dbo.Delete_Department

Parameter	Data Type	Default	Is Output
@D_ID	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(50)	

Uses:

> **Table dbo.Student**

Procedure dbo.Delete_Instructor

Parameter	Data Type	Default	Is Output
@Ins_ID	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(50)	

Uses:

> **Table dbo.InstructorCourse**

Procedure dbo.Delete_Student_EXAM_Course

Parameter	Data Type	Default	Is Output
@S_ID	int		
@E_ID	int		
@C_ID	int		

Uses:

> **Table dbo.StudentExamCourse**

Procedure dbo.Delete_Student_Exam_Question

Parameter	Data Type	Default	Is Output
@S_ID	int		
@E_ID	int		
@Q_ID	int		

Procedure dbo.Delete_Topic

Parameter	Data Type	Default	Is Output
@TP_ID	int		
@TP_Name	varchar(20)		

Uses:

> **Table dbo.Topic**

Procedure dbo.DeleteChoices

Parameter	Data Type	Default	Is Output
@Qid	int		
@Choice	varchar(1)		

Result:

Column	Data Type	Nullable
(No column name)	varchar(35)	

Uses:

> **Table dbo.Choices**

Procedure dbo.deleteExam

Parameter	Data Type	Default	Is Output
@ID	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(17)	

Procedure dbo.DeleteONCourse

Parameter	Data Type	Default	Is Output
@ID	int		

Result:

Column	Data Type	Nullable
Result	varchar(28)	

Uses:

> **Table dbo.Course**
>
> **Table dbo.GradeStudentCourse**
>
> **Table dbo.InstructorCourse**
>
> **Table dbo.StudentExamCourse**
>
> **Table dbo.Topic**

Procedure dbo.deleteQuestion

Parameter	Data Type	Default	Is Output
@ID	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(21)	

Procedure dbo.deleteStudent

Parameter	Data Type	Default	Is Output
@ID	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(20)	

Uses:

> Table dbo.Student

Procedure dbo.deleteUser

Parameter	Data Type	Default	Is Output
@Id	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(21)	

Uses:

> Table dbo.Student

Procedure dbo.DisplayExamId_QuesId

Parameter	Data Type	Default	Is Output
@Exam_ID	int		

Result:

Column	Data Type	Nullable
ExamId	int	
QId	int	

Uses:

> Table dbo.ExamQuestion

Procedure dbo.DisplayExamIdAndQuesId

> *No parameters.*

Result:

Column	Data Type	Nullable
ExamId	int	
QId	int	

Uses:

> Table dbo.ExamQuestion

Procedure dbo.DisplayInstructor_Course

Parameter	Data Type	Default	Is Output
@ins_ID	int		

Result:

Column	Data Type	Nullable
InsId	int	
CId	int	

Uses:

> Table dbo.InstructorCourse

Procedure dbo.DisplayInstructorCourse

> *No parameters.*

Result:

Column	Data Type	Nullable
InsId	int	
CId	int	

Uses:

> Table dbo.InstructorCourse

Procedure dbo.Exam_Answers

Parameter	Data Type	Default	Is Output
@eID	int		
@stuId	int		
@Ans1	char(1)		
@Ans2	char(1)		
@Ans3	char(1)		
@Ans4	char(1)		
@Ans5	char(1)		
@Ans6	char(1)		
@Ans7	char(1)		
@Ans8	char(1)		
@Ans9	char(1)		
@Ans10	char(1)		

Uses:

> Table dbo.ExamQuestion

Procedure dbo.ExamCorrection

Parameter	Data Type	Default	Is Output

@SID	int		
@ExamID	int		
@Cid	int		

Result:

Column	Data Type	Nullable
(No column name)	int	X

Uses:

       Table dbo.GradeStudentCourse

       Table dbo.Question

       Table dbo.StudentExamCourse

Procedure dbo.ExamDetails

Parameter	Data Type	Default	Is Output
@Examid	int		

Result:

Column	Data Type	Nullable
ExamId	int	
ExamDuration	int	X
ExamDate	date	X
QId	int	
QType	char(10)	X
QDescription	varchar(max)	X
Model_Answer	nchar(1)	X

Uses:

       Table dbo.ExamQuestion

Procedure dbo.generateExam

Parameter	Data Type	Default	Is Output
@Cid	int		
@MCQ	int		
@TorF	int		
@EId	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(23)	

Uses:

       Procedure dbo.insertExam

       Table dbo.ExamQuestion

       Table dbo.Question

Procedure dbo.getDepartment

Parameter	Data Type	Default	Is Output
@D_id	int		

Result:

Column	Data Type	Nullable
FullName	nvarchar(21)	

Uses:

> **Table dbo.Student**

Procedure dbo.getDepratmentStudents

Parameter	Data Type	Default	Is Output
@id	int		

Result:

Column	Data Type	Nullable
UID	int	
userName	varchar(50)	
Password	nchar(10)	
FName	nchar(10)	
LName	nchar(10)	
Address	nchar(50)	X
Birth_Date	date	X
UserType	nchar(1)	

Uses:

> **Table dbo.Student**

Procedure dbo.getExamQuestions

Parameter	Data Type	Default	Is Output
@Eid	int		

Result:

Column	Data Type	Nullable
QDescription	varchar(max)	X
answers	nvarchar(4000)	X

Uses:

> **Table dbo.Choices**

> **Table dbo.ExamQuestion**

> **Table dbo.Question**

Procedure dbo.getSutdentgrades

Parameter	Data Type	Default	Is Output
@stuId	int		

Result:

Column	Data Type	Nullable
Cname	nchar(10)	X
Grade	int	X

Uses:

      Table dbo.Course

      Table dbo.GradeStudentCourse

Procedure dbo.Insert_Department

Parameter	Data Type	Default	Is Output
@Dname	varchar(20)		
@Dmanager	int	NULL	

Result:

Column	Data Type	Nullable
(No column name)	varchar(49)	

Procedure dbo.Insert_Exam_Question

Parameter	Data Type	Default	Is Output
@E_ID	int		
@Q_ID	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(77)	

Uses:

      Table dbo.ExamQuestion

Procedure dbo.Insert_Instructor

Parameter	Data Type	Default	Is Output
@Ins_ID	int		
@Salary	int		
@Hire_Date	date		
@DID	int	NULL	

Result:

Column	Data Type	Nullable
(No column name)	varchar(40)	

Used by:

      Procedure dbo.InsertUser

Uses:

Procedure dbo.Insert_Student_Course

Parameter	Data Type	Default	Is Output
@S_ID	int		
@C_ID	int		
@Grade	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(78)	

Uses:

Table dbo.GradeStudentCourse

Procedure dbo.Insert_Student_EXAM_Course

Parameter	Data Type	Default	Is Output
@S_ID	int		
@E_ID	int		
@C_ID	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(108)	

Uses:

Table dbo.StudentExamCourse

Procedure dbo.Insert_Student_Exam_Question

Parameter	Data Type	Default	Is Output
@S_ID	int		
@E_ID	int		
@Q_ID	int		
@S_Answer	char(1)		

Result:

Column	Data Type	Nullable
(No column name)	varchar(110)	

Procedure dbo.Insert_Topic

Parameter	Data Type	Default	Is Output
@TP_ID	int		
@TP_Name	varchar(20)		

Result:

Column	Data Type	Nullable

(No column name)	varchar(44)	

Uses:

Table dbo.Topic

Procedure dbo.InsertChoices

Parameter	Data Type	Default	Is Output
@QID	int		
@Choice	varchar(1)		
@Description	nchar(300)		

Result:

Column	Data Type	Nullable
Result	varchar(55)	

Uses:

Table dbo.Choices

Procedure dbo.insertExam

Parameter	Data Type	Default	Is Output
@ID	int		
@Duration	int	Null	
@Date	date	Null	

Result:

Column	Data Type	Nullable
(No column name)	varchar(23)	

Used by:

Procedure dbo.generateExam

Procedure dbo.insertInstructorCourse

Parameter	Data Type	Default	Is Output
@id1	int		
@id2	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(9)	

Uses:

Table dbo.InstructorCourse

Procedure dbo.InsertONCourse

Parameter	Data Type	Default	Is Output

| @CName | nchar(10) | | |
| @Duration | int | 200 | |

Uses:

  Table dbo.Course

Procedure dbo.insertQuestion

Parameter	Data Type	Default	Is Output
@ID	int		
@Description	varchar(max)		
@Type	nchar(5)		
@ModelAns	nchar(1)		
@CID	int	Null	

Result:

Column	Data Type	Nullable
(No column name)	varchar(27)	

Procedure dbo.insertStudent

Parameter	Data Type	Default	Is Output
@ID	int		
@DepID	int	Null	

Result:

Column	Data Type	Nullable
(No column name)	varchar(26)	

Used by:

  Procedure dbo.InsertUser

Uses:

  Table dbo.Student

Procedure dbo.InsertUser

Parameter	Data Type	Default	Is Output
@UserName	varchar(50)		
@Password	nchar(10)		
@FName	nchar(10)		
@LName	nchar(10)		
@Address	nchar(50)	NULL	
@Birth_Date	date	NULL	
@UserType	nchar(1)		

Result:

Column	Data Type	Nullable
(No column name)	varchar(26)	

Uses:

> **Procedure dbo.Insert_Instructor**

> **Procedure dbo.insertStudent**

Procedure dbo.NCourse_NumStud

Parameter	Data Type	Default	Is Output
@InstID	int		

Result:

Column	Data Type	Nullable
Course name	nchar(10)	X
Number of students	int	X

Uses:

> **Table dbo.Course**

> **Table dbo.GradeStudentCourse**

> **Table dbo.InstructorCourse**

Procedure dbo.Select_Department

Parameter	Data Type	Default	Is Output
@D_ID	int		

Result:

Column	Data Type	Nullable
DeptID	int	
DeptName	varchar(20)	X
ManagerID	int	X

Procedure dbo.Select_Department_All

No parameters.

Result:

Column	Data Type	Nullable
DeptID	int	
DeptName	varchar(20)	X
ManagerID	int	X

Procedure dbo.Select_Instructor

Parameter	Data Type	Default	Is Output
@I_ID	int		

Result:

Column	Data Type	Nullable
InsID	int	

Salary	int	X	
HireDate	date	X	
DeptId	int	X	

Procedure dbo.Select_Instructor_All

No parameters.

Result:

Column	Data Type	Nullable
InsID	int	
Salary	int	X
HireDate	date	X
DeptId	int	X

Procedure dbo.Select_Student_EXAM_Course

Parameter	Data Type	Default	Is Output
@S_ID	int		
@E_ID	int		
@C_ID	int		

Result:

Column	Data Type	Nullable
SId	int	
Cid	int	
ExamId	int	

Uses:

> **Table dbo.StudentExamCourse**

Procedure dbo.Select_Student_EXAM_Course_All

No parameters.

Result:

Column	Data Type	Nullable
SId	int	
Cid	int	
ExamId	int	

Uses:

> **Table dbo.StudentExamCourse**

Procedure dbo.Select_Student_Exam_Question

Parameter	Data Type	Default	Is Output
@S_ID	int		
@E_ID	int		
@Q_ID	int		

Result:

Column	Data Type	Nullable
SId	int	
QId	int	
ExamId	int	
StudentAnswer	nchar(1)	X

Procedure dbo.Select_Student_Exam_Question_All

No parameters.

Result:

Column	Data Type	Nullable
SId	int	
QId	int	
ExamId	int	
StudentAnswer	nchar(1)	X

Procedure dbo.Select_Topic

Parameter	Data Type	Default	Is Output
@TP_ID	int		
@TP_Name	varchar(20)		

Result:

Column	Data Type	Nullable
CId	int	
TopicName	varchar(50)	

Uses:

Table dbo.Topic

Procedure dbo.Select_Topic_All

No parameters.

Result:

Column	Data Type	Nullable
CId	int	
TopicName	varchar(50)	

Uses:

Table dbo.Topic

Procedure dbo.SelectAllChoice

No parameters.

Result:

Column	Data Type	Nullable
QId	int	
Choice	varchar(1)	
Description	nchar(300)	X

Uses:

> **Table dbo.Choices**

Procedure dbo.SelectAllCourses

> *No parameters.*

Result:

Column	Data Type	Nullable
CId	int	
CName	nchar(10)	X
CDuration	int	X

Uses:

> **Table dbo.Course**

Procedure dbo.SelectAllUsers

> *No parameters.*

Result:

Column	Data Type	Nullable
UID	int	
userName	varchar(50)	
Password	nchar(10)	
FName	nchar(10)	
LName	nchar(10)	
Address	nchar(50)	X
Birth_Date	date	X
UserType	nchar(1)	

Procedure dbo.SelectChoices

Parameter	Data Type	Default	Is Output
@Qid	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(37)	

Uses:

> **Table dbo.Choices**

Procedure dbo.selectExamById

Parameter	Data Type	Default	Is Output
@ID	int		

Result:

Column	Data Type	Nullable
ExamId	int	
ExamDuration	int	X
ExamDate	date	X

Procedure dbo.selectExams

No parameters.

Result:

Column	Data Type	Nullable
ExamId	int	
ExamDuration	int	X
ExamDate	date	X

Procedure dbo.SelectONCourse

Parameter	Data Type	Default	Is Output
@ID	int		

Result:

Column	Data Type	Nullable
Result	varchar(37)	

Uses:

> **Table dbo.Course**

Procedure dbo.selectQuestionById

Parameter	Data Type	Default	Is Output
@ID	int		

Result:

Column	Data Type	Nullable
QId	int	
QDescription	varchar(max)	X
QType	char(10)	X
Model_Answer	nchar(1)	X
Cid	int	X

Procedure dbo.selectQuestions

No parameters.

Result:

Column	Data Type	Nullable
QId	int	
QDescription	varchar(max)	X
QType	char(10)	X
Model_Answer	nchar(1)	X
Cid	int	X

Procedure dbo.selectStudent

No parameters.

Result:

Column	Data Type	Nullable
StID	int	
Deptid	int	X

Uses:

Table dbo.Student

Procedure dbo.selectStudentById

Parameter	Data Type	Default	Is Output
@ID	int		

Result:

Column	Data Type	Nullable
StID	int	
Deptid	int	X

Uses:

Table dbo.Student

Procedure dbo.SelectUser

Parameter	Data Type	Default	Is Output
@Id	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(18)	

Procedure dbo.sp_DeleteExam_Question

Parameter	Data Type	Default	Is Output
@Exam_id	int		
@Qid	int		

Uses:

      Table dbo.ExamQuestion

Procedure dbo.sp_DeleteInstructorCourse

Parameter	Data Type	Default	Is Output
@In_id	int		
@Cid	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(9)	

Uses:

      Table dbo.InstructorCourse

Procedure dbo.sp_DelteGrade

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

Result:

Column	Data Type	Nullable
(No column name)	varchar(9)	

Uses:

      Table dbo.GradeStudentCourse

Procedure dbo.sp_DelteGradeStudentCourse

Parameter	Data Type	Default	Is Output
@StID	int		
@CID	int		
@Grade	int		

Uses:

      Table dbo.GradeStudentCourse

Procedure dbo.sp_insert_GradeStudentCourse

Parameter	Data Type	Default	Is Output
@StID	int		
@CID	int		
@Grade	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(9)	

Uses:

       Table dbo.GradeStudentCourse

Procedure dbo.sp_SelectAll

No parameters.

Result:

Column	Data Type	Nullable
SId	int	
CId	int	
Grade	int	X

Uses:

       Table dbo.GradeStudentCourse

Procedure dbo.sp_selectGrade

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

Result:

Column	Data Type	Nullable
Grade	int	X

Uses:

       Table dbo.GradeStudentCourse

Procedure dbo.sp_updateGrade

Parameter	Data Type	Default	Is Output
@StID	int		
@CID	int		
@Grade	int		

Uses:

       Table dbo.GradeStudentCourse

Procedure dbo.sp_updateInstructorCourse

Parameter	Data Type	Default	Is Output
@old_CID	int		
@old_InsID	int		
@new_InId	int		
@new_CID	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(8)	

Uses:

>   Table dbo.InstructorCourse

Procedure dbo.studentAnswers

Parameter	Data Type	Default	Is Output
@examID	int		
@studentID	int		

Result:

Column	Data Type	Nullable
Description	varchar(max)	X
Answer	nchar(1)	X

Procedure dbo.Update_Department

Parameter	Data Type	Default	Is Output
@D_ID	int		
@Dname	varchar(20)		
@Dmanager	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(49)	

Procedure dbo.Update_Exam_Question

Parameter	Data Type	Default	Is Output
@E_ID	int		
@Q_ID	int		
@x	int		
@y	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(77)	

Uses:

>   Table dbo.ExamQuestion

Procedure dbo.Update_Instructor

Parameter	Data Type	Default	Is Output
@Ins_ID	int		
@Salary	int		
@Hire_Date	date		
@DID	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(49)	

Procedure dbo.Update_Student_EXAM_Course

Parameter	Data Type	Default	Is Output
@S_ID	int		
@E_ID	int		
@C_ID	int		
@newSid	int		
@newEid	int		
@newCid	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(108)	

Uses:

Table dbo.StudentExamCourse

Procedure dbo.Update_Student_Exam_Question

Parameter	Data Type	Default	Is Output
@S_ID	int		
@Q_ID	int		
@E_ID	int		
@newSid	int		
@newQid	int		
@newEid	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(111)	

Procedure dbo.Update_Topic

Parameter	Data Type	Default	Is Output
@TP_ID	int		
@Old_TP_Name	varchar(20)		
@TP_Name	varchar(20)		

Result:

Column	Data Type	Nullable
(No column name)	varchar(41)	

Uses:

Table dbo.Topic

Procedure dbo.UpdateChoices

Parameter	Data Type	Default	Is Output
@Qid	int		
@Choice	varchar(1)		
@Description	nchar(300)		

Result:

Column	Data Type	Nullable
(No column name)	varchar(35)	

Uses:

      Table dbo.Choices

Procedure dbo.updateExam

Parameter	Data Type	Default	Is Output
@ID	int		
@Duration	int	Null	
@Date	date	Null	

Result:

Column	Data Type	Nullable
(No column name)	varchar(19)	

Procedure dbo.UpdateONCourse

Parameter	Data Type	Default	Is Output
@ID	int		
@Name	nchar(10)		
@Duration	int	200	

Result:

Column	Data Type	Nullable
Result	varchar(35)	

Uses:

      Table dbo.Course

Procedure dbo.updateQuestion

Parameter	Data Type	Default	Is Output
@ID	int		
@Type	nchar(5)	Null	
@Description	int	Null	
@ModelAns	nchar(1)	Null	
@CID	int	Null	

Result:

Column	Data Type	Nullable
(No column name)	varchar(23)	

Procedure dbo.updateStudent

Parameter	Data Type	Default	Is Output
@ID	int		
@DepID	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(22)	

Uses:

Table dbo.Student

Procedure dbo.updateUser

Parameter	Data Type	Default	Is Output
@Id	int		
@UserName	varchar(50)		
@Password	nchar(10)		
@FName	nchar(10)		
@LName	nchar(10)		
@Address	nchar(50)	NULL	
@Birth_Date	date	NULL	
@UserType	nchar(1)		

Result:

Column	Data Type	Nullable
(No column name)	varchar(18)	