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ExaminationSystem

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Tables:

Table dbo._User (11 rows)

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

CName	nchar(10)	Χ	
CDuration	int	X	

Indexes:

PK_Course (Primary Key) (Clustered)

CId

Referenced by:

 ${\bf dbo.GradeStudentCourse}~({\it CId})$

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	Χ		
	DeptName	varchar(20)		Χ	
FK	ManagerID	int		Χ	

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	Χ		
	ExamDuration	int		Χ	
	ExamDate	date		Χ	

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

 ${\bf Procedure\ dbo. Display ExamIdAnd QuesId}$

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		Х	

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	Χ		
	QDescription	varchar(max)		X	
	QType	char(10)		Χ	
	Model_Answer	nchar(1)		Χ	
FK	Cid	int		Χ	

Indexes:

PK_Question (Primary Key) (Clustered)

QId

References:

dbo.Course (Cid -> CId)

Referenced by:

dbo.Choices (QId)

dbo.ExamQuestion (QId)

dbo.ExamQuestion (QId)

 ${\bf dbo. StudentExamQuestion}~(QId)$

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)		Χ	

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)		

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
@	DID	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		

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.

Column	Data Type	Nullable
ExamId	int	
QId	int	

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 Tyne	Default	Te Output

@SID	int	
@ExamID	int	
@Cid	int	

Column	Data Type	Nullable	
(No column name)	int	Χ	

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		

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)	Χ
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)	Х

Uses:

Table dbo.Choices

Table dbo.ExamQuestion

Table dbo.Question

Procedure dbo.getSutdentgrades

Parameter	Data Type	Default	Is Output
@stuId	int		

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

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:

Table dbo.Instructor

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)		

_		
Column	Data Type	Mullabla
COLUMN	Data IVDE	nunable

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	Dofault	Te Output
raiailletei	Data IVDE	Delault	15 Outbut

@CName	nchar(10)		
@Duration	int	200	

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)		

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

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)	Х
ManagerID	int	Х

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		

Column	Data Type	Nullable
InsID	int	

Salary	int	X
HireDate	date	Χ
DeptId	int	Х

Procedure dbo.Select_Instructor_All

No parameters.

Result:

Column	Data Type	Nullable
InsID	int	
Salary	int	Χ
HireDate	date	Х
DeptId	int	Χ

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:

Co	olumn	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		

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

Procedure dbo.Select_Student_Exam_Question_All

No parameters.

Result:

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

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.

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

Table dbo.Choices

Procedure dbo.SelectAllCourses

No parameters.

Result:

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

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)	Х
Birth_Date	date	Х
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		

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

Procedure dbo.selectExams

No parameters.

Result:

Column	Data Type	Nullable
ExamId	int	
ExamDuration	int	Х
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)	Х
QType	char(10)	Χ
Model_Answer	nchar(1)	Х
Cid	int	Х

Procedure dbo.selectQuestions

No parameters.

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

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	Χ

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		

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		

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

Table dbo.GradeStudentCourse

Procedure dbo.sp_SelectAll

No parameters.

Result:

Column	Data Type	Nullable
SId	int	
CId	int	
Grade	int	Х

Uses:

Table dbo.GradeStudentCourse

Procedure dbo.sp_selectGrade

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

Result:

	Column	Data Type	Nullable
Gr	nde	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		

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

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)	Х

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		

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)		

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	

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)		

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