

Generated using SQL Data Dictionary demo version.

ExaminationSystem

Tables:

dbo.Courses (2 rows)	1
dbo.Department (2 rows)	1
dbo.Exam (2 rows)	2
dbo.Ins_Crs (2 rows)	3
dbo.Instructor (1 row)	3
dbo.Q_Choices (100 rows)	4
dbo.Questions (30 rows)	5
dbo.St_Answer (0 rows)	5
dbo.St_Crs (8 rows)	6
dbo.Std_Ins (2 rows)	6
dbo.Student (4 rows)	7
dbo.Topics (0 rows)	8

Procedures:

dbo.deleteChoices	9
dbo.deleteCourse	9
dbo.deleteDepartment	9
dbo.deleteExam	9
dbo.deleteInstCrsRelation	9
dbo.deleteInstructor	10
dbo.deleteQuestion	10
dbo.deleteStdCrsRelation	10
dbo.deleteStdInstRelation	11
dbo.deleteStudent	11
dbo.deleteStudentAnswer	11
dbo.deleteTopic	11
dbo.ExamAnswer	12
dbo.ExamCorrection	12
dbo.GenerateExam	12
dbo.getCourseStudentInfo	13
dbo.getStudentGrades	13
dbo.getStudentsByDeptId	13
dbo.insertCourse	14
dbo.insertDepartment	14
dbo.insertExam	14
dbo.insertExamID	14

dbo.insertInstructor	15
dbo.insertInstructorCrs	15
dbo.insertQuestionChoooes	15
dbo.insertStudent	16
dbo.insertStudentAnswer	16
dbo.insertStudentCrs	16
dbo.insertStudentdInst	17
dbo.insertTopic	17
dbo.insetQuestions	17
dbo.selectAllCourses	18
dbo.selectAllDepartments	18
dbo.selectAllInstructors	18
dbo.selectAllStudents	18
dbo.selectChoices	19
dbo.selectCourse	19
dbo.selectDepartment	19
dbo.selectExamQuetions	20
dbo.selectInstructor	20
dbo.SelectQuetions	20
dbo.selectStudent	21
dbo.selectStudentAnswer	21
dbo.selectTopic	21
dbo.updateChoices	22
dbo.updateCourseName	22
dbo.updateDepartmentDesc	22
dbo.updateExam	22
dbo.updateInstructorAddress	23
dbo.updateInstructorCrs	23
dbo.updateQuetions	23
dbo.updateStudentAddress	23
dbo.updateStudentAnswer	24
dbo.UpdateStudentCourse	24
dbo.updateStudentCrs	24
dbo.updateStudentdInstructor	25
dbo.updateTopic	25
dbo.viewInstructorsCoursec	25
dbo.viewStudentsCoursesGrades	25
dbo.viewStudntsInstructors	26

Tables:

Table dbo.Courses (2 rows)

	Column	Data Type	Identity	Nullable	Default
PK	Crs_id	int	X		
	Crs_name	varchar(20)		X	
	Crs_Duration	int		X	

Indexes:

PK__Courses__56CBA94D3F99791B (Primary Key) (Clustered)

Crs_id

Referenced by:

dbo.Exam (Crs_id)

dbo.Ins_Crs (Crs_id)

dbo.Questions (Crs_id)

dbo.St_Crs (Crs_id)

dbo.Topics (Crs_id)

Used by:

Procedure dbo.deleteCourse

Procedure dbo.deleteInstCrsRelation

Procedure dbo.deleteStdCrsRelation

Procedure dbo.GenerateExam

Procedure dbo.getCourseStudentInfo

Procedure dbo.getStudentGrades

Procedure dbo.insertCourse

Procedure dbo.insertInstructorCrs

Procedure dbo.insertStudentCrs

Procedure dbo.selectAllCourses

Procedure dbo.selectCourse

Procedure dbo.selectExamQuestions

Procedure dbo.updateCourseName

Procedure dbo.updateInstructorCrs

Procedure dbo.updateStudentCrs

Procedure dbo.viewInstructorsCoursesec

Procedure dbo.viewStudentsCoursesGrades

Table dbo.Department (2 rows)

	Column	Data Type	Identity	Nullable	Default
PK	Dept_id	int	X		

	Dept_name	varchar(20)		X	
	Dept_desc	varchar(50)		X	

Indexes:

PK__Departme__72A8C6A457EAEA71 (Primary Key) (Clustered)

Dept_id

Referenced by:

dbo.Instructor (Dept_id)

dbo.Student (Dept_id)

Used by:

Procedure dbo.deleteDepartment

Procedure dbo.insertDepartment

Procedure dbo.selectAllDepartments

Procedure dbo.selectAllInstructors

Procedure dbo.selectAllStudents

Procedure dbo.selectDepartment

Procedure dbo.selectInstructor

Procedure dbo.selectStudent

Procedure dbo.updateDepartmentDesc

Table dbo.Exam (2 rows)

	Column	Data Type	Identity	Nullable	Default
PK	Exam_id	int	X		
	Exam_Duration	int		X	
	Start_time	datetime		X	
FK	Crs_id	int		X	

Indexes:

PK__Exam__C79BD671EB5068BC (Primary Key) (Clustered)

Exam_id

References:

dbo.Courses (Crs_id)

Referenced by:

dbo.St_Answer (Exam_id)

Used by:

Procedure dbo.deleteExam

Procedure dbo.ExamCorrection

Procedure dbo.GenerateExam

Procedure dbo.insertExam

Procedure **dbo.insertExamID**

Procedure **dbo.selectExamQuestions**

Procedure **dbo.updateExam**

Table dbo.Ins_Crs (2 rows)

	Column	Data Type	Identity	Nullable	Default
PK, FK	Ins_id	int			
PK, FK	Crs_id	int			

Indexes:

PK__Ins_Crs__D04C7B71274098EC (Primary Key) (Clustered)

Ins_id
Crs_id

References:

dbo.Courses (Crs_id)

dbo.Instructor (Ins_id)

Used by:

Procedure **dbo.deleteInstCrsRelation**

Procedure **dbo.getCourseStudentInfo**

Procedure **dbo.insertInstructorCrs**

Procedure **dbo.updateInstructorCrs**

Procedure **dbo.updateStudentCrs**

Procedure **dbo.viewInstructorsCoursec**

Table dbo.Instructor (1 row)

	Column	Data Type	Identity	Nullable	Default
PK	Ins_id	int	X		
	InsF_Name	varchar(20)		X	
	InsL_Name	varchar(20)		X	
	Ins_Address	varchar(100)		X	
	Ins_Age	int		X	
	Ins_Password	varchar(20)		X	
UK	Ins_National_id	int			
FK	MNGR_id	int		X	
FK	Dept_id	int		X	

Indexes:

PK__Instruct__1520C1E51FA42293 (Primary Key) (Clustered)

Ins_id

UQ__Instruct__DF275DDA6298C62E (Unique)

Ins_National_id

References:

dbo.Department (Dept_id)

dbo.Instructor (*MNGR_id -> Ins_id*)

Referenced by:

dbo.Ins_Crs (*Ins_id*)

dbo.Instructor (*MNGR_id -> Ins_id*)

dbo.Std_Ins (*Ins_id*)

Used by:

Procedure dbo.deleteInstCrsRelation

Procedure dbo.deleteInstructor

Procedure dbo.deleteStdInstRelation

Procedure dbo.getCourseStudentInfo

Procedure dbo.insertInstructor

Procedure dbo.insertInstructorCrs

Procedure dbo.insertStudentdInst

Procedure dbo.selectAllInstructors

Procedure dbo.selectInstructor

Procedure dbo.updateInstructorAddress

Procedure dbo.updateInstructorCrs

Procedure dbo.updateStudentCrs

Procedure dbo.updateStudentdInstructor

Procedure dbo.viewInstructorsCoursec

Procedure dbo.viewStudntsInstructors

Table dbo.Q_Choices (*100 rows*)

	Column	Data Type	Identity	Nullable	Default
PK	Choice	varchar(100)			
PK, FK	Q_id	int			

Indexes:

PK__Q_Choice__53A8FD3803507829 (*Primary Key*) (*Clustered*)

Choice
Q_id

References:

dbo.Questions (*Q_id*)

Used by:

Procedure dbo.GenerateExam

Procedure dbo.insertQuestionChoooes

Procedure dbo.selectExamQuetions

Procedure **dbo.updateChoices**

Table dbo.Questions (30 rows)

	Column	Data Type	Identity	Nullable	Default
PK	Q_id	int	X		
	Q_desc	varchar(200)		X	
	Q_type	varchar(10)		X	
	Q_grade	int		X	
	Q_model_answer	varchar(40)		X	
FK	Crs_id	int		X	

Indexes:

PK__Question__F4FD2B66B3B5D05E (Primary Key) (Clustered)

Q_id

References:

dbo.Courses (Crs_id)

Referenced by:

dbo.Q_Choices (Q_id)

dbo.St_Answer (Q_id)

Used by:

Procedure **dbo.deleteQuestion**

Procedure **dbo.ExamAnswer**

Procedure **dbo.ExamCorrection**

Procedure **dbo.GenerateExam**

Procedure **dbo.insetQuestions**

Procedure **dbo.selectExamQuestions**

Procedure **dbo.SelectQuestions**

Procedure **dbo.selectStudentAnswer**

Procedure **dbo.updateQuestions**

Table dbo.St_Answer (0 rows)

	Column	Data Type	Identity	Nullable	Default
	St_ans	varchar(50)		X	
PK, FK	Q_id	int			
PK, FK	St_id	int			
PK, FK	Exam_id	int			

Indexes:

PK__St_Answr__6C0C12C9BBF1CD21 (Primary Key) (Clustered)

Q_id
St_id
Exam_id

References:

dbo.Exam (*Exam_id*)

dbo.Questions (*Q_id*)

dbo.Student (*St_id*)

Used by:

Procedure **dbo.ExamAnswer**

Procedure **dbo.ExamCorrection**

Table **dbo.St_Crs** (8 rows)

	Column	Data Type	Identity	Nullable	Default
PK, FK	St_id	int			
PK, FK	Crs_id	int			
	Crs_grade	int		X	

Indexes:

PK__St_Crs__7C10F11F288C5E1D (*Primary Key*) (*Clustered*)

St_id
Crs_id

References:

dbo.Courses (*Crs_id*)

dbo.Student (*St_id*)

Used by:

Procedure **dbo.deleteStdCrsRelation**

Procedure **dbo.getStudentGrades**

Procedure **dbo.insertStudentCrs**

Procedure **dbo.UpdateStudentCourse**

Procedure **dbo.viewStudentsCoursesGrades**

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

	Column	Data Type	Identity	Nullable	Default
PK, FK	St_id	int			
PK, FK	Ins_id	int			

Indexes:

PK__Std_Ins__F82E47954F58CD9B (*Primary Key*) (*Clustered*)

St_id
Ins_id

References:

dbo.Instructor (*Ins_id*)

dbo.Student (*St_id*)

Used by:**Procedure** `dbo.deleteStdInstRelation`**Procedure** `dbo.getCourseStudentInfo`**Procedure** `dbo.insertStudentdInst`**Procedure** `dbo.updateStudentdInstructor`**Procedure** `dbo.viewStdntsInstructors`**Table** `dbo.Student` (4 rows)

	Column	Data Type	Identity	Nullable	Default
PK	St_id	int	X		
	StF_Name	varchar(20)		X	
	StL_Name	varchar(20)		X	
	St_Address	varchar(100)		X	
	St_Age	int		X	
	St_Password	varchar(20)		X	
UK	St_National_id	int			
FK	Dept_id	int		X	

Indexes:**PK__Students__B97C4B8BF708E83A** (Primary Key) (Clustered)

St_id

UQ__Students__DDC1EAB40B5982F1 (Unique)

St_National_id

References:**dbo.Department** (Dept_id)**Referenced by:****dbo.St_Answer** (St_id)**dbo.St_Crs** (St_id)**dbo.Std_Ins** (St_id)**Used by:****Procedure** `dbo.deleteStdCrsRelation`**Procedure** `dbo.deleteStdInstRelation`**Procedure** `dbo.deleteStudent`**Procedure** `dbo.getCourseStudentInfo`**Procedure** `dbo.getStudentsByDeptId`**Procedure** `dbo.insertStudent`**Procedure** `dbo.insertStudentCrs`**Procedure** `dbo.insertStudentdInst`**Procedure** `dbo.selectAllStudents`

Procedure **dbo.selectStudent**

Procedure **dbo.updateStudentAddress**

Procedure **dbo.updateStudentdInstructor**

Procedure **dbo.viewStudentsCoursesGrades**

Procedure **dbo.viewStudntsInstructors**

Table dbo.Topics (0 rows)

	Column	Data Type	Identity	Nullable	Default
PK	Topic_id	int	X		
	Topic_name	varchar(20)		X	
FK	Crs_id	int		X	

Indexes:

PK__Topics__8DEBA02D16EC2F50 (Primary Key) (Clustered)

Topic_id

References:

dbo.Courses (Crs_id)

Used by:

Procedure **dbo.deleteTopic**

Procedure **dbo.insertTopic**

Procedure **dbo.selectTopic**

Procedure **dbo.updateTopic**

Procedures:

Procedure dbo.deleteChoices

Parameter	Data Type	Default	Is Output
@QuestionID	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(32)	

Procedure dbo.deleteCourse

Parameter	Data Type	Default	Is Output
@CrsID	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(32)	

Uses:

Table **dbo.Courses**

Procedure dbo.deleteDeparment

Parameter	Data Type	Default	Is Output
@dept_name	varchar(20)		

Result:

Column	Data Type	Nullable
(No column name)	varchar(32)	

Uses:

Table **dbo.Department**

Procedure dbo.deleteExam

Parameter	Data Type	Default	Is Output
@id	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(32)	

Uses:

Table **dbo.Exam**

Procedure dbo.deleteInstCrsRelation

Parameter	Data Type	Default	Is Output
@inst_nID	int		
@crs	varchar(20)		

Result:

Column	Data Type	Nullable
(No column name)	varchar(32)	

Uses:

Table **dbo.Courses**

Table **dbo.Ins_Crs**

Table **dbo.Instructor**

Procedure dbo.deleteInstructor

Parameter	Data Type	Default	Is Output
@nID	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(32)	

Uses:

Table **dbo.Instructor**

Procedure dbo.deleteQuetion

Parameter	Data Type	Default	Is Output
@id	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(32)	

Uses:

Table **dbo.Questions**

Procedure dbo.deleteStdCrsRelation

Parameter	Data Type	Default	Is Output
@std_nID	int		
@crs	varchar(20)		

Result:

Column	Data Type	Nullable
(No column name)	varchar(32)	

Uses:

Table dbo.Courses

Table dbo.St_Crs

Table dbo.Student

Procedure dbo.deleteStdInstRelation

Parameter	Data Type	Default	Is Output
@st_nID	int		
@ins_nID	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(32)	

Uses:

Table dbo.Instructor

Table dbo.Std_Ins

Table dbo.Student

Procedure dbo.deleteStudent

Parameter	Data Type	Default	Is Output
@nID	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(32)	

Uses:

Table dbo.Student

Procedure dbo.deleteStudentAnswer

Parameter	Data Type	Default	Is Output
@QID	int		
@SID	int		
@EID	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(32)	

Procedure dbo.deleteTopic

Parameter	Data Type	Default	Is Output
@topicId	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(32)	

Uses:

Table dbo.Topics

Procedure dbo.ExamAnswer

Parameter	Data Type	Default	Is Output
@exam_id	int		

Result:

Column	Data Type	Nullable
Q_desc	varchar(200)	X
Q_model_answer	varchar(40)	X

Uses:

Table dbo.Questions

Table dbo.St_Answer

Procedure dbo.ExamCorrection

Parameter	Data Type	Default	Is Output
@studentId	int		
@courseID	int		

Uses:

Procedure dbo.UpdateStudentCourse

Table dbo.Exam

Table dbo.Questions

Table dbo.St_Answer

Procedure dbo.GenerateExam

Parameter	Data Type	Default	Is Output
@CourseId	int		

Result:

Column	Data Type	Nullable
Exam_id	int	
Q_id	int	
Q_desc	varchar(200)	X
Q_choices	nvarchar(max)	X
(No column name)	uniqueidentifier	X

Uses:

Table dbo.Courses

Table dbo.Exam

Table dbo.Q_Choices

Table dbo.Questions

Procedure dbo.getCourseStudentInfo

Parameter	Data Type	Default	Is Output
@id	int		

Result:

Column	Data Type	Nullable
FullName	varchar(40)	
Q_courses	nvarchar(max)	X
student Number	int	X

Uses:

Table dbo.Courses

Table dbo.Ins_Crs

Table dbo.Instructor

Table dbo.Std_Ins

Table dbo.Student

Procedure dbo.getStudentGrades

Parameter	Data Type	Default	Is Output
@stdId	int		

Result:

Column	Data Type	Nullable
Crs_id	int	
Crs_name	varchar(20)	X
Crs_grade	int	X

Uses:

Table dbo.Courses

Table dbo.St_Crs

Procedure dbo.getStudentsByDeptId

Parameter	Data Type	Default	Is Output
@deptID	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(41)	
St_Address	varchar(100)	X

St_Age	int	X
St_National_id	int	

Uses:

Table **dbo.Student**

Procedure **dbo.insertCourse**

Parameter	Data Type	Default	Is Output
@courseName	varchar(20)		
@courseDuration	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(32)	

Uses:

Table **dbo.Courses**

Procedure **dbo.insertDepartment**

Parameter	Data Type	Default	Is Output
@dept_name	varchar(20)		
@dept_desc	varchar(100)		

Result:

Column	Data Type	Nullable
(No column name)	varchar(32)	

Uses:

Table **dbo.Department**

Procedure **dbo.insertExam**

Parameter	Data Type	Default	Is Output
@ExamDuration	int		
@ExamStartDate	datetime		
@courseID	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(32)	

Uses:

Table **dbo.Exam**

Procedure **dbo.insertExamID**

Parameter	Data Type	Default	Is Output
-----------	-----------	---------	-----------

@courseID	int		
-----------	-----	--	--

Result:

Column	Data Type	Nullable
(No column name)	varchar(32)	

Uses:

Table **dbo.Exam**

Procedure dbo.insertInstructor

Parameter	Data Type	Default	Is Output
@fName	varchar(20)		
@lName	varchar(20)		
@address	varchar(50)		
@age	int		
@password	varchar(20)		
@nID	int		
@mngr_id	int		
@dept_id	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(32)	

Uses:

Table **dbo.Instructor**

Procedure dbo.insertInstructorCrs

Parameter	Data Type	Default	Is Output
@inst_nID	int		
@crs_name	varchar(20)		

Result:

Column	Data Type	Nullable
(No column name)	varchar(32)	

Uses:

Table **dbo.Courses**

Table **dbo.Ins_Crs**

Table **dbo.Instructor**

Procedure dbo.insertQuestionChoooes

Parameter	Data Type	Default	Is Output
@chooes	varchar(100)		
@QuestionsId	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(32)	

Uses:

Table **dbo.Q_Choices**

Procedure dbo.insertStudent

Parameter	Data Type	Default	Is Output
@fName	varchar(20)		
@lName	varchar(20)		
@address	varchar(50)		
@age	int		
@password	varchar(20)		
@nID	int		
@dept_id	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(32)	

Uses:

Table **dbo.Student**

Procedure dbo.insertStudentAnswer

Parameter	Data Type	Default	Is Output
@studentAnswer	varchar(50)		
@QID	int		
@SID	int		
@EID	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(32)	

Procedure dbo.insertStudentCrs

Parameter	Data Type	Default	Is Output
@std_nID	int		
@crs_name	varchar(20)		
@grade	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(32)	

Uses:

Table dbo.Courses

Table dbo.St_Crs

Table dbo.Student

Procedure dbo.insertStudentdInst

Parameter	Data Type	Default	Is Output
@std_nID	int		
@inst_nID	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(32)	

Uses:

Table dbo.Instructor

Table dbo.Std_Ins

Table dbo.Student

Procedure dbo.insertTopic

Parameter	Data Type	Default	Is Output
@TopicName	varchar(20)		
@courseId	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(32)	

Uses:

Table dbo.Topics

Procedure dbo.insetQuestions

Parameter	Data Type	Default	Is Output
@QuestionDiscription	varchar(200)		
@QuetionType	varchar(10)		
@grade	int		
@modelAnswer	varchar(40)		
@courseId	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(32)	

Uses:

Table dbo.Questions

Procedure dbo.selectAllCourses

No parameters.

Result:

Column	Data Type	Nullable
Crs_id	int	
Crs_name	varchar(20)	X
Crs_Duration	int	X

Uses:

Table dbo.Courses

Procedure dbo.selectAllDepartments

No parameters.

Result:

Column	Data Type	Nullable
Department_Name	varchar(20)	X
Department_Description	varchar(50)	X

Uses:

Table dbo.Department

Procedure dbo.selectAllInstructors

No parameters.

Result:

Column	Data Type	Nullable
Ins_id	int	
InsF_Name	varchar(20)	X
InsL_Name	varchar(20)	X
Ins_Address	varchar(100)	X
Ins_Age	int	X
Ins_National_id	int	
Ins_Password	varchar(20)	X
Dept_name	varchar(20)	X

Uses:

Table dbo.Department

Table dbo.Instructor

Procedure dbo.selectAllStudents

No parameters.

Result:

Column	Data Type	Nullable
St_id	int	

StF_Name	varchar(20)	X
StL_Name	varchar(20)	X
St_Address	varchar(100)	X
St_Age	int	X
St_Password	varchar(20)	X
St_National_id	int	
Dept_id	int	X

Uses:

Table dbo.Department

Table dbo.Student

Procedure dbo.selectChoices

Parameter	Data Type	Default	Is Output
@QuestionID	int		

Result:

Column	Data Type	Nullable
choice	varchar(100)	

Procedure dbo.selectCourse

Parameter	Data Type	Default	Is Output
@courserID	int		

Result:

Column	Data Type	Nullable
Crs_id	int	
Crs_name	varchar(20)	X
Crs_Duration	int	X

Uses:

Table dbo.Courses

Procedure dbo.selectDepartment

Parameter	Data Type	Default	Is Output
@dept_name	varchar(20)		

Result:

Column	Data Type	Nullable
Dept_id	int	
Dept_name	varchar(20)	X
Dept_desc	varchar(50)	X

Uses:

Table dbo.Department

Procedure dbo.selectExamQuestions

Parameter	Data Type	Default	Is Output
@examId	int		

Result:

Column	Data Type	Nullable
Q_desc	varchar(200)	X
Q_choices	nvarchar(max)	X

Uses:

Table dbo.Courses

Table dbo.Exam

Table dbo.Q_Choices

Table dbo.Questions

Procedure dbo.selectInstructor

Parameter	Data Type	Default	Is Output
@nID	int		

Result:

Column	Data Type	Nullable
Ins_id	int	
InsF_Name	varchar(20)	X
InsL_Name	varchar(20)	X
Ins_Address	varchar(100)	X
Ins_Age	int	X
Ins_National_id	int	
Ins_Password	varchar(20)	X
Dept_name	varchar(20)	X

Uses:

Table dbo.Department

Table dbo.Instructor

Procedure dbo.SelectQuestions

Parameter	Data Type	Default	Is Output
@courseId	int		

Result:

Column	Data Type	Nullable
Q_id	int	
Q_desc	varchar(200)	X
Q_type	varchar(10)	X
Q_grade	int	X
Q_model_answer	varchar(40)	X
Crs_id	int	X

Uses:

Table **dbo.Questions**

Procedure dbo.selectStudent

Parameter	Data Type	Default	Is Output
@nID	int		

Result:

Column	Data Type	Nullable
St_id	int	
StF_Name	varchar(20)	X
StL_Name	varchar(20)	X
St_Address	varchar(100)	X
St_Age	int	X
St_Password	varchar(20)	X
St_National_id	int	
Dept_name	varchar(20)	X

Uses:

Table **dbo.Department**

Table **dbo.Student**

Procedure dbo.selectStudentAnswer

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

Result:

Column	Data Type	Nullable
Question	varchar(200)	X
Student_Answer	varchar(50)	X

Uses:

Table **dbo.Questions**

Procedure dbo.selectTopic

Parameter	Data Type	Default	Is Output
@course_id	int		

Result:

Column	Data Type	Nullable
Topic_name	varchar(20)	X

Uses:

Table **dbo.Topics**

Procedure dbo.updateChoices

Parameter	Data Type	Default	Is Output
@QuestionID	int		
@newchoice	varchar(20)		

Result:

Column	Data Type	Nullable
(No column name)	varchar(32)	

Uses:

Table **dbo.Q_Choices**

Procedure dbo.updateCourseName

Parameter	Data Type	Default	Is Output
@courserID	int		
@courseName	varchar(20)		

Result:

Column	Data Type	Nullable
(No column name)	varchar(32)	

Uses:

Table **dbo.Courses**

Procedure dbo.updateDepartmentDesc

Parameter	Data Type	Default	Is Output
@name	varchar(20)		
@desc	varchar(20)		

Result:

Column	Data Type	Nullable
(No column name)	varchar(32)	

Uses:

Table **dbo.Department**

Procedure dbo.updateExam

Parameter	Data Type	Default	Is Output
@id	int		
@newData	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(32)	

Uses:

Table dbo.Exam

Procedure dbo.updateInstructorAddress

Parameter	Data Type	Default	Is Output
@nId	int		
@adrs	varchar(20)		

Result:

Column	Data Type	Nullable
(No column name)	varchar(32)	

Uses:

Table dbo.Instructor

Procedure dbo.updateInstructorCrS

Parameter	Data Type	Default	Is Output
@inst_nID	int		
@oldCrS	varchar(20)		
@newCrS	varchar(20)		

Result:

Column	Data Type	Nullable
(No column name)	varchar(32)	

Uses:

Table dbo.Courses

Table dbo.Ins_Crs

Table dbo.Instructor

Procedure dbo.updateQuetions

Parameter	Data Type	Default	Is Output
@questionGrade	int		
@id	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(32)	

Uses:

Table dbo.Questions

Procedure dbo.updateStudentAddress

Parameter	Data Type	Default	Is Output
-----------	-----------	---------	-----------

@nId	int		
@adrs	varchar(20)		

Result:

Column	Data Type	Nullable
(No column name)	varchar(32)	

Uses:

Table **dbo.Student**

Procedure dbo.updateStudentAnswer

Parameter	Data Type	Default	Is Output
@newstudentAnswer	varchar(50)		
@QID	int		
@SID	int		
@EID	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(32)	

Procedure dbo.UpdateStudentCourse

Parameter	Data Type	Default	Is Output
@student_id	int		
@crs_id	int		
@grade	int		

Used by:

Procedure **dbo.ExamCorrection**

Uses:

Table **dbo.St_Crs**

Procedure dbo.updateStudentCrS

Parameter	Data Type	Default	Is Output
@nid	int		
@oldCrS	varchar(20)		
@newCrS	varchar(20)		

Result:

Column	Data Type	Nullable
(No column name)	varchar(32)	

Uses:

Table **dbo.Courses**

Table dbo.Ins_Crs

Table dbo.Instructor

Procedure dbo.updateStudentdInstructor

Parameter	Data Type	Default	Is Output
@std_nID	int		
@old_inst_nID	int		
@new_ins_nID	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(32)	

Uses:

Table dbo.Instructor

Table dbo.Std_Ins

Table dbo.Student

Procedure dbo.updateTopic

Parameter	Data Type	Default	Is Output
@id	int		
@newData	varchar(20)		

Result:

Column	Data Type	Nullable
(No column name)	varchar(32)	

Uses:

Table dbo.Topics

Procedure dbo.viewInstructorsCoursec

No parameters.

Result:

Column	Data Type	Nullable
Instructor_Name	varchar(41)	
Course_Name	varchar(20)	X

Uses:

Table dbo.Courses

Table dbo.Ins_Crs

Table dbo.Instructor

Procedure dbo.viewStudentsCoursesGrades

No parameters.

Result:

Column	Data Type	Nullable
Student_Name	varchar(40)	
Course_Name	varchar(20)	X
Student_grade	int	X

Uses:

Table dbo.Courses

Table dbo.St_Crs

Table dbo.Student

Procedure dbo.viewStudentsInstructors

No parameters.

Result:

Column	Data Type	Nullable
StudentName	varchar(41)	
InstructorName	varchar(41)	

Uses:

Table dbo.Instructor

Table dbo.Std_Ins

Table dbo.Student