Online_Examination_System

Tables:

Views:

Procedures:

Tables:

Table dbo.Course *(3 rows)*

	Column	Data Type	Identity	Nullable	Default
PK	Crs_Id	int			
	Crs_Name	nvarchar(50)		X	
	Crs_Duration	int		X	

Indexes:

PK_Course *(Primary Key) (Clustered)*

Crs_Id

Referenced by:

dbo.Exam *(Crs_Id)*

dbo.Ins_Course *(Crs_Id)*

dbo.Question *(Crs_Id)*

dbo.Stud_Course *(Crs_Id)*

dbo.Topic *(Crs_Id)*

Used by:

Procedure dbo.spAddCourse

Procedure dbo.spAddEvaluationOfInsInCrs

Procedure dbo.spAddQuestion

Procedure dbo.spGenerateExam

Procedure dbo.spGetAllCrsOfStudent

Procedure dbo.spGetByIdStdCourses

Procedure dbo.spGetByIdStdGradesInAllCrs

Procedure dbo.spGetInstCrsInfo

Procedure dbo.spGetTopicsOfCrs

Procedure dbo.spUpdateCourse

Procedure dbo.spUpdateEvaluationOfInsInCrs

Table dbo.Department *(2 rows)*

	Column	Data Type	Identity	Nullable	Default
PK	Dept_Id	int			
	Dept_Name	nvarchar(50)		X	
	Dept_Desc	nvarchar(100)		X	
	Dept_Location	nvarchar(50)		X	
FK	Dept_Manager	int		X	
	Manager_hiredate	date		X	

Indexes:

PK_Department *(Primary Key) (Clustered)*

Dept_Id

References:

>**dbo.Instructor** *(Dept_Manager -> Ins_Id)*

Referenced by:

>**dbo.Instructor** *(Dept_Id)*

>**dbo.Student** *(Dept_Id)*

Used by:

>**Procedure dbo.spAddDept**

>**Procedure dbo.spAddInstructor**

>**Procedure dbo.spAddStduent**

>**Procedure dbo.spDeleteDept**

>**Procedure dbo.spGetAllDepts**

>**Procedure dbo.spGetByIdDept**

>**Procedure dbo.spUpdateDept**

>**Procedure dbo.spUpdateInstructor**

>**Procedure dbo.spUpdateStudent**

Table dbo.Exam *(1 row)*

	Column	Data Type	Identity	Nullable	Default
PK	Exam_No	int			
	No_TF	nchar(10)		X	
	Exam_Duration	time		X	
FK	Crs_Id	int		X	

Indexes:

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

>>Exam_No

References:

>**dbo.Course** *(Crs_Id)*

Referenced by:

>**dbo.Exam_Ques** *(Exam_No)*

>**dbo.Std_Exam_Ques** *(Exam_No)*

Used by:

>**Procedure dbo.spAddExam**

>**Procedure dbo.spAddExamQuestions**

>**Procedure dbo.spDeleteExam**

>**Procedure dbo.spGetAllExams**

>**Procedure dbo.spGetByIdExam**

Procedure dbo.spUpdateExam

Procedure dbo.spUpdateStdAnswerOfQuesInExam

Table dbo.Exam_Ques *(10 rows)*

	Column	Data Type	Identity	Nullable	Default
PK, FK	Exam_No	int			
PK, FK	Ques_No	int			

Indexes:

PK_Exam_Ques *(Primary Key) (Clustered)*

Exam_No
Ques_No

References:

dbo.Exam *(Exam_No)*

dbo.Question *(Ques_No)*

Used by:

Procedure dbo.spExamQuestions

Procedure dbo.spGenerateExam

Procedure dbo.spGetByIdExamQuesWizChoices

Procedure dbo.spGetByIdQuestionsOfExam

Table dbo.Ins_Course *(0 rows)*

	Column	Data Type	Identity	Nullable	Default
PK, FK	Ins_Id	int			
PK, FK	Crs_Id	int			
	Evaluation	nvarchar(50)		X	

Indexes:

PK_Ins_Course *(Primary Key) (Clustered)*

Ins_Id
Crs_Id

References:

dbo.Course *(Crs_Id)*

dbo.Instructor *(Ins_Id)*

Used by:

Procedure dbo.spAddEvaluationOfInsInCrs

Procedure dbo.spDeleteEvaluationOfInsInCrs

Procedure dbo.spGetByIdInsEvaluationInCrs

Procedure dbo.spGetByIdInsEvaluationsInAllCrs

Procedure dbo.spGetByIdInsEvaluationsInCrs

Procedure dbo.spGetInsEvaluationInAllCrs

Procedure dbo.spGetInstCrsInfo

Procedure dbo.spUpdateEvaluationOfInsInCrs

Table dbo.Instructor *(0 rows)*

	Column	Data Type	Identity	Nullable	Default
PK	Ins_Id	int			
	Ins_Name	nvarchar(50)		X	
	Ins_Degree	nvarchar(50)		X	
	Salary	money		X	
FK	Dept_Id	int		X	

Indexes:

PK_Instructor *(Primary Key) (Clustered)*

Ins_Id

References:

dbo.Department *(Dept_Id)*

Referenced by:

dbo.Department *(Dept_Manager -> Ins_Id)*

dbo.Ins_Course *(Ins_Id)*

Used by:

Procedure dbo.spAddDept

Procedure dbo.spAddEvaluationOfInsInCrs

Procedure dbo.spAddInstructor

Procedure dbo.spDeleteInstructor

Procedure dbo.spGetAllInstructors

Procedure dbo.spGetByIdInstructor

Procedure dbo.spGetInstCrsInfo

Procedure dbo.spUpdateDept

Procedure dbo.spUpdateEvaluationOfInsInCrs

Procedure dbo.spUpdateInstructor

Table dbo.Ques_Choices *(300 rows)*

	Column	Data Type	Identity	Nullable	Default
PK, FK	Ques_No	int			
PK	Choice_No	int			
	Choice_Desc	nchar(100)		X	

Indexes:

PK_Ques_Choices *(Primary Key) (Clustered)*

Ques_No
Choice_No

References:

> **dbo.Question** *(Ques_No)*

Used by:

> **Procedure dbo.spAddQuestionChoices**
>
> **Procedure dbo.spDeleteQuestion**
>
> **Procedure dbo.spDeleteQuestionchoices**
>
> **Procedure dbo.spExamQuestions**
>
> **Procedure dbo.spGetByIdExamQuesWizChoices**
>
> **Procedure dbo.spUpdateQuestionChoice**

Table dbo.Question *(100 rows)*

	Column	Data Type	Identity	Nullable	Default
PK	Ques_No	int			
	Ques_Desc	nvarchar(200)		X	
	Model_Answer	int		X	
	Type	nchar(10)		X	
FK	Crs_Id	int		X	

Indexes:

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

References:

> **dbo.Course** *(Crs_Id)*

Referenced by:

> **dbo.Exam_Ques** *(Ques_No)*
>
> **dbo.Ques_Choices** *(Ques_No)*
>
> **dbo.Std_Exam_Ques** *(Ques_No)*

Used by:

> **Procedure dbo.spAddExamQuestions**
>
> **Procedure dbo.spAddQuestionChoices**
>
> **Procedure dbo.spExamQuestions**
>
> **Procedure dbo.spGenerateExam**
>
> **Procedure dbo.spGetByIdExamQuesWizChoices**
>
> **Procedure dbo.spGetByIdQuestionsOfExam**
>
> **Procedure dbo.spUpdateQuestionChoice**
>
> **Procedure dbo.spUpdateStdAnswerOfQuesInExam**
>
> **View dbo.Questions_View**

Table dbo.Std_Exam_Ques *(10 rows)*

	Column	Data Type	Identity	Nullable	Default
PK	St_Id	int			
PK, FK	Ques_No	int			
PK, FK	Exam_No	int			
	Answer	nchar(10)		X	

Indexes:

PK_Std_Exam_Crs *(Primary Key) (Clustered)*

St_Id
Ques_No
Exam_No

References:

dbo.Exam *(Exam_No)*

dbo.Question *(Ques_No)*

Table dbo.Stud_Course *(3 rows)*

	Column	Data Type	Identity	Nullable	Default
PK, FK	Crs_Id	int			
PK, FK	St_Id	int			
	Grade	int		X	

Indexes:

PK_Stud_Course *(Primary Key) (Clustered)*

Crs_Id
St_Id

References:

dbo.Course *(Crs_Id)*

dbo.Student *(St_Id)*

Used by:

Procedure dbo.spAddGradeOfStdInCrs

Procedure dbo.spDeleteGradeOfStdInCrs

Procedure dbo.spGetAllCrsOfStudent

Procedure dbo.spGetByIdStdCourses

Procedure dbo.spGetByIdStdGradeInCrs

Procedure dbo.spGetByIdStdGradesInAllCrs

Procedure dbo.spGetInstCrsInfo

Procedure dbo.spGetStdsGradesInAllCrs

Procedure dbo.spGetStdsGradesInCrsById

Procedure dbo.spUpdateGradeOfStdInCrs

Table dbo.Student *(1 row)*

	Column	Data Type	Identity	Nullable	Default
PK	St_Id	int			
	St_Fname	nvarchar(50)		X	
	St_Lname	nchar(10)		X	
	St_Address	nvarchar(100)		X	
	St_Age	int		X	
FK	Dept_Id	int		X	

Indexes:

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

References:

> **dbo.Department** *(Dept_Id)*

Referenced by:

> **dbo.Stud_Course** *(St_Id)*

Used by:

> **Procedure dbo.spAddExamQuestions**
>
> **Procedure dbo.spAddGradeOfStdInCrs**
>
> **Procedure dbo.spAddStduent**
>
> **Procedure dbo.spDeleteStudent**
>
> **Procedure dbo.spGetAllStudents**
>
> **Procedure dbo.spGetByIdStdGradesInAllCrs**
>
> **Procedure dbo.spGetByIdStudent**
>
> **Procedure dbo.spShowStudentData**
>
> **Procedure dbo.spUpdateGradeOfStdInCrs**
>
> **Procedure dbo.spUpdateStdAnswerOfQuesInExam**
>
> **Procedure dbo.spUpdateStudent**

Table dbo.Topic *(31 rows)*

	Column	Data Type	Identity	Nullable	Default
PK	Top_Id	int			
FK	Crs_Id	int		X	
	Top_Name	nvarchar(50)		X	

Indexes:

> **PK_Topic** *(Primary Key) (Clustered)*
>
> > Top_Id

References:

> **dbo.Course** *(Crs_Id)*

Used by:

        Procedure dbo.spDeleteCourse

        Procedure dbo.spGetTopicsOfCrs

        View dbo.Topics_View

Views:

View dbo.Questions_choices_View

Column	Data Type	Nullable
Q_Number	int	
Choice_Number	int	
Choice_Description	nchar(10)	X

Used by:

> **Procedure dbo.spAddQuestionChoices**
>
> **Procedure dbo.spGetByIdChoiceDesc**
>
> **Procedure dbo.spGetByIdQuestionChoices**
>
> **Procedure dbo.spUpdateQuestionChoice**
>
> **View dbo.Questions_with_choices_with_Answers**
>
> **View dbo.Questions_with_choices_without_Answers**

View dbo.Questions_View

Column	Data Type	Nullable
Q_Number	int	
Q_Description	nvarchar(200)	X
ModelAnswer	int	X
Type_	nchar(10)	X
Course_ID	int	X

Used by:

> **Procedure dbo.spAddQuestion**
>
> **Procedure dbo.spDeleteAllCrsQuestions**
>
> **Procedure dbo.spDeleteQuestion**
>
> **Procedure dbo.spDeleteQuestionchoices**
>
> **Procedure dbo.spGetAllQuestionsWizAnswerInCrs**
>
> **Procedure dbo.spGetByIdAllQuestionsInCrs**
>
> **Procedure dbo.spGetByIdQuestionAnswer**
>
> **Procedure dbo.spGetByIdQuestionsNoInCrs**
>
> **Procedure dbo.spUpdateQuestionDesc**
>
> **Procedure dbo.spUpdateQuestionModelAnswer**
>
> **View dbo.Questions_with_choices_with_Answers**
>
> **View dbo.Questions_with_choices_without_Answers**

Uses:

> **Table dbo.Question**

View dbo.Questions_with_choices_with_Answers

Column	Data Type	Nullable
Q_Number	int	
Q_Description	nvarchar(50)	X
ModelAnswer	nchar(10)	X
Choice_Number	int	
Choice_Description	nchar(10)	X

Uses:

View dbo.Questions_choices_View

View dbo.Questions_View

View dbo.Questions_with_choices_without_Answers

Column	Data Type	Nullable
Q_Number	int	
Q_Description	nvarchar(50)	X
Choice_Number	int	
Choice_Description	nchar(10)	X

Uses:

View dbo.Questions_choices_View

View dbo.Questions_View

View dbo.Topics_View

Column	Data Type	Nullable
Topic_ID	int	
Topic_Name	nvarchar(50)	X
Course_ID	int	X

Used by:

Procedure dbo.spAddTopic

Procedure dbo.spDeleteTopic

Procedure dbo.spGetAllTopics

Procedure dbo.spGetByIdTopicName

Procedure dbo.spUpdateTopicName

Uses:

Table dbo.Topic

Procedures:

Procedure dbo.spAddCourse

Parameter	Data Type	Default	Is Output
@crsId	int		
@crsName	nvarchar(50)		
@crsDuration	int		

Uses:

      Table dbo.Course

Procedure dbo.spAddDept

Parameter	Data Type	Default	Is Output
@deptID	int		
@deptName	nvarchar(50)		
@deptDesc	nvarchar(50)		
@deptLoc	nvarchar(50)		
@deptMgr	nvarchar(50)		
@mgrHD	date		

Uses:

      Table dbo.Department

      Table dbo.Instructor

Procedure dbo.spAddEvaluationOfInsInCrs

Parameter	Data Type	Default	Is Output
@insId	int		
@crsId	int		
@evaluation	nvarchar(50)		

Uses:

      Table dbo.Course

      Table dbo.Ins_Course

      Table dbo.Instructor

Procedure dbo.spAddExam

Parameter	Data Type	Default	Is Output
@examNo	int		
@noTF	nchar(10)		
@examDuration	time		
@crsId	int		

Used by:

      Procedure dbo.spGenerateExam

Uses:

      Table dbo.Exam

Procedure dbo.spAddExamQuestions

Parameter	Data Type	Default	Is Output
@stId	int		
@examNo	int		
@quesNo	int		

Uses:

      Table dbo.Exam

      Table dbo.Question

      Table dbo.Student

Procedure dbo.spAddGradeOfStdInCrs

Parameter	Data Type	Default	Is Output
@stId	int		
@crsId	int		
@grade	int		

Uses:

      Table dbo.Stud_Course

      Table dbo.Student

Procedure dbo.spAddInstructor

Parameter	Data Type	Default	Is Output
@InsId	int		
@InsName	nvarchar(50)		
@InsDegree	nvarchar(50)		
@salary	int		
@deptId	int		

Uses:

      Table dbo.Department

      Table dbo.Instructor

Procedure dbo.spAddQuestion

Parameter	Data Type	Default	Is Output
@qNo	int		
@qDesc	nvarchar(200)		
@modelAnswer	int		
@type	nchar(10)		
@courseID	int		

Uses:

> **Table dbo.Course**

> **View dbo.Questions_View**

Procedure dbo.spAddQuestionChoices

Parameter	Data Type	Default	Is Output
@qNo	int		
@choiceNo	int		
@choiceDes	nchar(100)		

Uses:

> **Table dbo.Ques_Choices**

> **Table dbo.Question**

> **View dbo.Questions_choices_View**

Procedure dbo.spAddStdAnswerOfQuestion

Parameter	Data Type	Default	Is Output
@stId	int		
@examNo	int		
@quesNo	int		
@answer	varchar(5)		

Uses:

> **Procedure dbo.spUpdateStdAnswerOfQuesInExam**

Procedure dbo.spAddStduent

Parameter	Data Type	Default	Is Output
@stId	int		
@stFname	nvarchar(50)		
@stLname	nvarchar(50)		
@stAddress	nvarchar(100)		
@stAge	int		
@deptId	int		

Uses:

> **Table dbo.Department**

> **Table dbo.Student**

Procedure dbo.spAddTopic

Parameter	Data Type	Default	Is Output
@topicID	int		
@topicName	nvarchar(50)		
@crsID	int		

Uses:

> View dbo.Topics_View

Procedure dbo.spCorrectExam

Parameter	Data Type	Default	Is Output
@stId	int		
@examNo	int		
@crsId	int		
@ans1	int		
@ans2	int		
@ans3	int		
@ans4	int		
@ans5	int		
@ans6	int		
@ans7	int		
@ans8	int		
@ans9	int		
@ans10	int		

Uses:

> Procedure dbo.spUpdateGradeOfStdInCrs

Procedure dbo.spDeleteAllCrsQuestions

Parameter	Data Type	Default	Is Output
@Course_ID	int		

Uses:

> View dbo.Questions_View

Procedure dbo.spDeleteCourse

Parameter	Data Type	Default	Is Output
@crsId	int		

Uses:

> Table dbo.Topic

Procedure dbo.spDeleteDept

Parameter	Data Type	Default	Is Output
@deptId	int		

Uses:

> Table dbo.Department

Procedure dbo.spDeleteEvaluationOfInsInCrs

Parameter	Data Type	Default	Is Output

@insId	int		
@crsId	int		

Uses:

> **Table dbo.Ins_Course**

Procedure dbo.spDeleteExam

Parameter	Data Type	Default	Is Output
@examNo	int		

Uses:

> **Table dbo.Exam**

Procedure dbo.spDeleteGradeOfStdInCrs

Parameter	Data Type	Default	Is Output
@stId	int		
@crsId	int		

Uses:

> **Table dbo.Stud_Course**

Procedure dbo.spDeleteInstructor

Parameter	Data Type	Default	Is Output
@InsId	int		

Uses:

> **Table dbo.Instructor**

Procedure dbo.spDeleteQuestion

Parameter	Data Type	Default	Is Output
@qNo	int		

Uses:

> **Table dbo.Ques_Choices**
>
> **View dbo.Questions_View**

Procedure dbo.spDeleteQuestionchoices

Parameter	Data Type	Default	Is Output
@qNo	int		

Uses:

> **Table dbo.Ques_Choices**

Procedure dbo.spDeleteStdAnswerOfQuesInExam

Parameter	Data Type	Default	Is Output
@stId	int		
@examNo	int		
@quesNo	int		

Procedure dbo.spDeleteStudent

Parameter	Data Type	Default	Is Output
@stId	int		

Uses:

    Table dbo.Student

Procedure dbo.spDeleteTopic

Parameter	Data Type	Default	Is Output
@T_no	int		

Uses:

    View dbo.Topics_View

Procedure dbo.spExamQuestions

Parameter	Data Type	Default	Is Output
@examNo	int		
@stdId	int		

Result:

Column	Data Type	Nullable
Ques_No	int	
Ques_Desc	nvarchar(200)	X
Choice_Desc	nchar(100)	X
Model_Answer	int	X
Answer	nchar(10)	X
Type	nchar(10)	X

Uses:

    Table dbo.Exam_Ques

    Table dbo.Ques_Choices

    Table dbo.Question

Procedure dbo.spGenerateExam

Parameter	Data Type	Default	Is Output
@CrsID_	int		
@ExamNo	int		

@noTF	int		
@examDuration	time		

Uses:

      Procedure dbo.spAddExam

      Table dbo.Course

      Table dbo.Exam_Ques

      Table dbo.Question

Procedure dbo.spGetAllCourses

     No parameters.

Result:

Column	Data Type	Nullable
Crs_Id	int	
Crs_Name	nvarchar(50)	X
Crs_Duration	int	X

Procedure dbo.spGetAllCrsOfStudent

Parameter	Data Type	Default	Is Output
@stdId	int		

Result:

Column	Data Type	Nullable
Crs_Name	nvarchar(50)	X
Crs_Id	int	

Uses:

      Table dbo.Course

      Table dbo.Stud_Course

Procedure dbo.spGetAllDepts

     No parameters.

Result:

Column	Data Type	Nullable
Dept_Id	int	
Dept_Name	nvarchar(50)	X
Dept_Desc	nvarchar(100)	X
Dept_Location	nvarchar(50)	X
Dept_Manager	int	X
Manager_hiredate	date	X

Uses:

Procedure dbo.spGetAllExams

No parameters.

Result:

Column	Data Type	Nullable
Exam_No	int	
No_TF	nchar(10)	X
Exam_Duration	time	X
Crs_Id	int	X

Uses:

Table dbo.Exam

Procedure dbo.spGetAllInstructors

No parameters.

Result:

Column	Data Type	Nullable
Ins_Id	int	
Ins_Name	nvarchar(50)	X
Ins_Degree	nvarchar(50)	X
Salary	money	X
Dept_Id	int	X

Uses:

Table dbo.Instructor

Procedure dbo.spGetAllQuestionsWizAnswerInCrs

Parameter	Data Type	Default	Is Output
@course_id	int		

Result:

Column	Data Type	Nullable
Q_Number	int	
Q_Description	nvarchar(200)	X
Type_	nchar(10)	X
ModelAnswer	int	X

Uses:

View dbo.Questions_View

Procedure dbo.spGetAllStudents

No parameters.

Result:

Column	Data Type	Nullable
St_Id	int	
St_Fname	nvarchar(50)	X
St_Lname	nchar(10)	X
St_Address	nvarchar(100)	X
St_Age	int	X
Dept_Id	int	X

Uses:

> **Table dbo.Student**

Procedure dbo.spGetAllTopics

> *No parameters.*

Result:

Column	Data Type	Nullable
Topic_ID	int	
Topic_Name	nvarchar(50)	X
Course_ID	int	X

Uses:

> **View dbo.Topics_View**

Procedure dbo.spGetByIdAllQuestionsInCrs

Parameter	Data Type	Default	Is Output
@course_id	int		

Result:

Column	Data Type	Nullable
Q_Number	int	
Q_Description	nvarchar(200)	X
Type_	nchar(10)	X

Uses:

> **View dbo.Questions_View**

Procedure dbo.spGetByIdAnswerOfStdInExam

Parameter	Data Type	Default	Is Output
@stId	int		
@ExamNo	int		

Result:

Column	Data Type	Nullable
St_Id	int	
Ques_No	int	
Exam_No	int	
Answer	nchar(10)	X

Procedure dbo.spGetByIdChoiceDesc

Parameter	Data Type	Default	Is Output
@qNo	int		
@choiceNo	int		

Result:

Column	Data Type	Nullable
Choice_Description	nchar(100)	X

Uses:

View dbo.Questions_choices_View

Procedure dbo.spGetByIdCourse

Parameter	Data Type	Default	Is Output
@crsId	int		

Result:

Column	Data Type	Nullable
Crs_Id	int	
Crs_Name	nvarchar(50)	X
Crs_Duration	int	X

Procedure dbo.spGetByIdDept

Parameter	Data Type	Default	Is Output
@deptId	int		

Result:

Column	Data Type	Nullable
Dept_Id	int	
Dept_Name	nvarchar(50)	X
Dept_Desc	nvarchar(100)	X
Dept_Location	nvarchar(50)	X
Dept_Manager	int	X
Manager_hiredate	date	X

Uses:

Table dbo.Department

Procedure dbo.spGetByIdExam

Parameter	Data Type	Default	Is Output
@examNo	int		

Result:

Column	Data Type	Nullable

Exam_No	int	
No_TF	nchar(10)	X
Exam_Duration	time	X
Crs_Id	int	X

Uses:

> **Table dbo.Exam**

Procedure dbo.spGetByIdExamQuesWizChoices

Parameter	Data Type	Default	Is Output
@examNo	int		

Result:

Column	Data Type	Nullable
Ques_No	int	
Ques_Desc	nvarchar(200)	X
Choice_No	int	
Choice_Desc	nchar(100)	X

Uses:

> **Table dbo.Exam_Ques**
>
> **Table dbo.Ques_Choices**
>
> **Table dbo.Question**

Procedure dbo.spGetByIdInsEvaluationInCrs

Parameter	Data Type	Default	Is Output
@insId	int		
@crsId	int		

Result:

Column	Data Type	Nullable
Ins_Id	int	
Crs_Id	int	
Evaluation	nvarchar(50)	X

Uses:

> **Table dbo.Ins_Course**

Procedure dbo.spGetByIdInsEvaluationsInAllCrs

Parameter	Data Type	Default	Is Output
@insId	int		

Result:

Column	Data Type	Nullable
Ins_Id	int	
Crs_Id	int	
Evaluation	nvarchar(50)	X

Uses:

> **Table dbo.Ins_Course**

Procedure dbo.spGetByIdInsEvaluationsInCrs

Parameter	Data Type	Default	Is Output
@crsId	int		

Result:

Column	Data Type	Nullable
Ins_Id	int	
Crs_Id	int	
Evaluation	nvarchar(50)	X

Uses:

> **Table dbo.Ins_Course**

Procedure dbo.spGetByIdInstructor

Parameter	Data Type	Default	Is Output
@InsId	int		

Result:

Column	Data Type	Nullable
Ins_Id	int	
Ins_Name	nvarchar(50)	X
Ins_Degree	nvarchar(50)	X
Salary	money	X
Dept_Id	int	X

Uses:

> **Table dbo.Instructor**

Procedure dbo.spGetByIdQuestionAnswer

Parameter	Data Type	Default	Is Output
@Ques_no	int		

Result:

Column	Data Type	Nullable
ModelAnswer	int	X

Uses:

> **View dbo.Questions_View**

Procedure dbo.spGetByIdQuestionChoices

Parameter	Data Type	Default	Is Output
@q_nou	int		

Result:

Column	Data Type	Nullable
Choice_Number	int	
Choice_Description	nchar(100)	X

Uses:

> **View dbo.Questions_choices_View**

Procedure dbo.spGetByIdQuestionsNoInCrs

Parameter	Data Type	Default	Is Output
@course_id	int		

Result:

Column	Data Type	Nullable
(No column name)	int	X

Uses:

> **View dbo.Questions_View**

Procedure dbo.spGetByIdQuestionsOfExam

Parameter	Data Type	Default	Is Output
@examNo	int		

Result:

Column	Data Type	Nullable
Ques_No	int	
Model_Answer	int	X

Uses:

> **Table dbo.Exam_Ques**

> **Table dbo.Question**

Procedure dbo.spGetByIdStdCourses

Parameter	Data Type	Default	Is Output
@stdId	int		

Result:

Column	Data Type	Nullable
Crs_Name	nvarchar(50)	X
Crs_Id	int	

Uses:

> **Table dbo.Course**

Procedure dbo.spGetByIdStdGradeInCrs

Parameter	Data Type	Default	Is Output
@stdId	int		
@crsId	int		

Result:

Column	Data Type	Nullable
Grade	int	X

Uses:

Table dbo.Stud_Course

Procedure dbo.spGetByIdStdGradesInAllCrs

Parameter	Data Type	Default	Is Output
@stId	int		

Result:

Column	Data Type	Nullable
Crs_Name	nvarchar(50)	X
FullName	nvarchar(61)	
Grade	int	X

Uses:

Table dbo.Course

Table dbo.Stud_Course

Table dbo.Student

Procedure dbo.spGetByIdStudent

Parameter	Data Type	Default	Is Output
@stId	int		

Result:

Column	Data Type	Nullable
St_Id	int	
St_Fname	nvarchar(50)	X
St_Lname	nchar(10)	X
St_Address	nvarchar(100)	X
St_Age	int	X
Dept_Id	int	X

Uses:

Table dbo.Student

Procedure dbo.spGetByIdTopicName

Parameter	Data Type	Default	Is Output
@topicNo	int		

Result:

Column	Data Type	Nullable
Topic_Name	nvarchar(50)	X

Uses:

      View dbo.Topics_View

Procedure dbo.spGetInsEvaluationInAllCrs

    No parameters.

Result:

Column	Data Type	Nullable
Ins_Id	int	
Crs_Id	int	
Evaluation	nvarchar(50)	X

Uses:

      Table dbo.Ins_Course

Procedure dbo.spGetInstCrsInfo

Parameter	Data Type	Default	Is Output
@Inst_ID	int		

Result:

Column	Data Type	Nullable
Ins_Name	nvarchar(50)	X
Crs_Name	nvarchar(50)	X
Number of Strudents	int	X

Uses:

      Table dbo.Course

      Table dbo.Ins_Course

      Table dbo.Instructor

      Table dbo.Stud_Course

Procedure dbo.spGetStdAnswerInAllExam

    No parameters.

Result:

Column	Data Type	Nullable
St_Id	int	
Ques_No	int	

Exam_No	int	
Answer	nchar(10)	X

Procedure dbo.spGetStdsGradesInAllCrs

No parameters.

Result:

Column	Data Type	Nullable
Crs_Id	int	
St_Id	int	
Grade	int	X

Uses:

Table dbo.Stud_Course

Procedure dbo.spGetStdsGradesInCrsById

Parameter	Data Type	Default	Is Output
@crsId	int		

Result:

Column	Data Type	Nullable
Crs_Id	int	
St_Id	int	
Grade	int	X

Uses:

Table dbo.Stud_Course

Procedure dbo.spGetStudAnswerInAllExam

No parameters.

Result:

Column	Data Type	Nullable
St_Id	int	
Ques_No	int	
Exam_No	int	
Answer	nchar(10)	X

Procedure dbo.spGetTopicsOfCrs

Parameter	Data Type	Default	Is Output
@crs_ID	int		

Result:

Column	Data Type	Nullable
Top_Name	nvarchar(50)	X

Uses:

> **Table dbo.Course**

> **Table dbo.Topic**

Procedure dbo.spShowStudentData

Parameter	Data Type	Default	Is Output
@DeptId	int		

Result:

Column	Data Type	Nullable
St_Id	int	
St_Fname	nvarchar(50)	X
St_Lname	nchar(10)	X
St_Address	nvarchar(100)	X
St_Age	int	X
Dept_Id	int	X

Uses:

> **Table dbo.Student**

Procedure dbo.spUpdateCourse

Parameter	Data Type	Default	Is Output
@crsId	int		
@crsName	nvarchar(50)		
@crsDuration	int		

Uses:

> **Table dbo.Course**

Procedure dbo.spUpdateDept

Parameter	Data Type	Default	Is Output
@deptId	int		
@deptName	nvarchar(50)		
@deptDesc	nvarchar(50)		
@deptLoc	nvarchar(50)		
@deptMgr	nvarchar(50)		
@mgrHD	date		

Uses:

> **Table dbo.Department**

> **Table dbo.Instructor**

Procedure dbo.spUpdateEvaluationOfInsInCrs

Parameter	Data Type	Default	Is Output
@insId	int		
@crsId	int		

Parameter	Data Type	Default	Is Output
@evaluation	nvarchar(50)		

Uses:

> **Table dbo.Course**
>
> **Table dbo.Ins_Course**
>
> **Table dbo.Instructor**

Procedure dbo.spUpdateExam

Parameter	Data Type	Default	Is Output
@examNo	int		
@noTF	nchar(10)		
@exDuration	time		
@crsId	int		

Uses:

> **Table dbo.Exam**

Procedure dbo.spUpdateGradeOfStdInCrs

Parameter	Data Type	Default	Is Output
@stId	int		
@crsId	int		
@grade	int		

Used by:

> **Procedure dbo.spCorrectExam**

Uses:

> **Table dbo.Stud_Course**
>
> **Table dbo.Student**

Procedure dbo.spUpdateInstructor

Parameter	Data Type	Default	Is Output
@InsId	int		
@InsName	nvarchar(50)		
@InsDegree	nvarchar(50)		
@salary	int		
@deptId	int		

Uses:

> **Table dbo.Department**
>
> **Table dbo.Instructor**

Procedure dbo.spUpdateQuestionChoice

Parameter	Data Type	Default	Is Output
@qNo	int		

@choiceNo	int		
@newchoiceDesc	nchar(200)		

Uses:

> **Table dbo.Ques_Choices**
>
> **Table dbo.Question**
>
> **View dbo.Questions_choices_View**

Procedure dbo.spUpdateQuestionDesc

Parameter	Data Type	Default	Is Output
@qNo	int		
@newdesc	nvarchar(200)		

Uses:

> **View dbo.Questions_View**

Procedure dbo.spUpdateQuestionModelAnswer

Parameter	Data Type	Default	Is Output
@que_no	int		
@newModelAn	int		

Uses:

> **View dbo.Questions_View**

Procedure dbo.spUpdateStdAnswerOfQuesInExam

Parameter	Data Type	Default	Is Output
@stId	int		
@examNo	int		
@quesNo	int		
@answer	varchar(5)		

Used by:

> **Procedure dbo.spAddStdAnswerOfQuestion**

Uses:

> **Table dbo.Exam**
>
> **Table dbo.Question**
>
> **Table dbo.Student**

Procedure dbo.spUpdateStudent

Parameter	Data Type	Default	Is Output
@stId	int		
@stFname	nvarchar(50)		
@stLname	nvarchar(50)		
@stAddress	nvarchar(100)		

@stAge	int		
@deptId	int		

Uses:

> **Table dbo.Department**

> **Table dbo.Student**

Procedure dbo.spUpdateTopicName

Parameter	Data Type	Default	Is Output
@T_no	int		
@newTopic_Name	nvarchar(50)		

Uses:

> **View dbo.Topics_View**