Tables

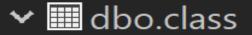
| Dbo. | Department. | Exam. | Mtm. |
|------------|-------------|----------|-------------------------|
| Class | Branch | Exam | examQuestion |
| Course | Intake | Question | instructorClass |
| Instructor | track | choices | instructorExam |
| student | | | instructorWork |
| | | | studentCourse |
| | | | studentExamQuseti on |

view

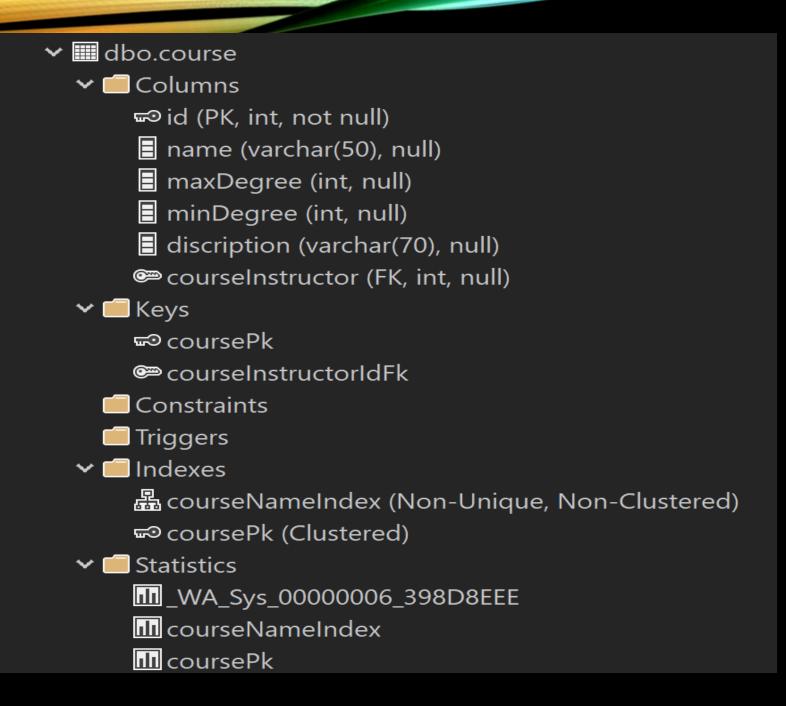
Dbo.doExam
Dbo.allMember

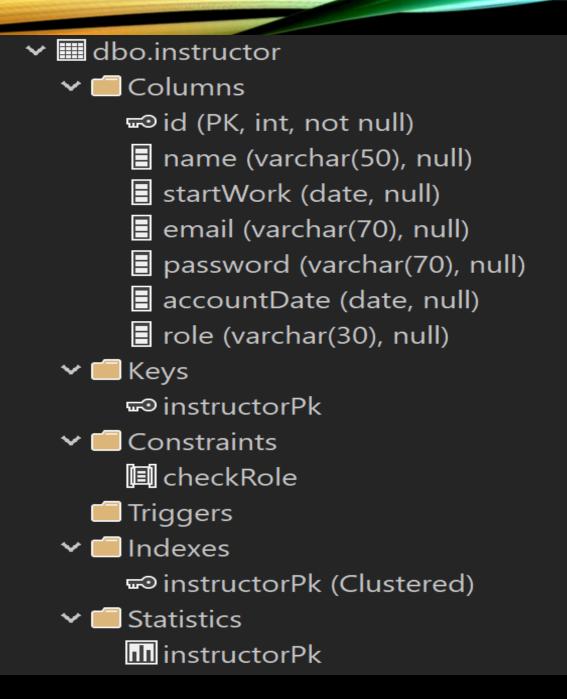
proc

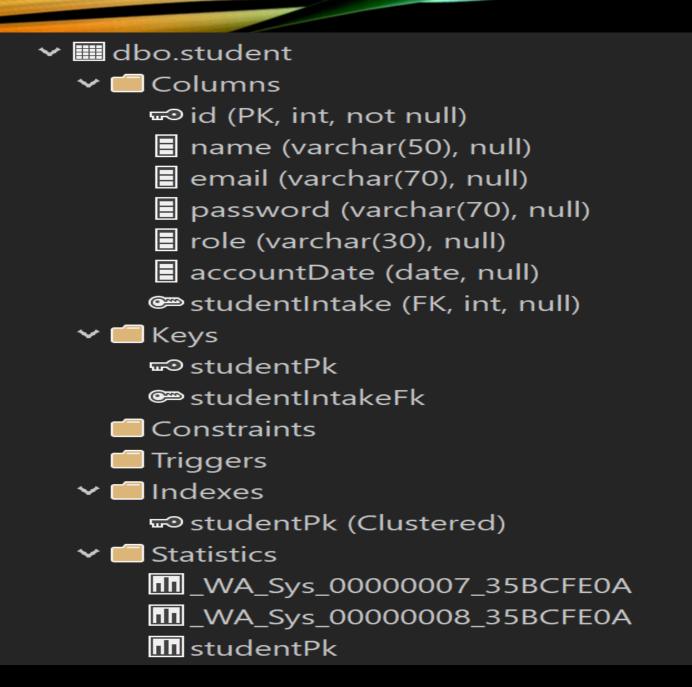
| Dbo. | | examProc. | Instructor | Mand | ager. |
|------------------|----------------|------------------------|--------------------|----------------------|-------------------|
| selectStudent | selectIntake | generateAnExam | deleteQuestion | deleteBranch | insertIntake |
| selectInstructor | selectQuestion | generateInstructorExam | insertChoices | deleteCourse | insertStudent |
| selectBranch | insertClass | getStudentModelAnswer | updateChoices | deleteInstructo r | insertTrack |
| selectTrack | updateClass | numberOfQuestion | updateQuestio n | deleteIntake | updateBranc h |
| selectCourse | | saveStudentExamAnswer | insertQustion | deleteStudent | updateCours e |
| selectClass | | studentExamGrade | | deleteTrack | updateIntake |
| | | takeExam | | insertBranch | updateStude nt |
| | | | | insertCourse | updateTrack |
| | | | | insertInstructor | |



- **∨ i** Columns
 - id (PK, int, not null)
 - name (varchar(50), null)
 - classYear (date, null)
- **∨** 🗐 Keys
 - **⇔** classPk
 - Constraints
- **→ I** Triggers
 - preventClassDelete
- ✓ Indexes
- **∨** Statistics
 - ill classPk





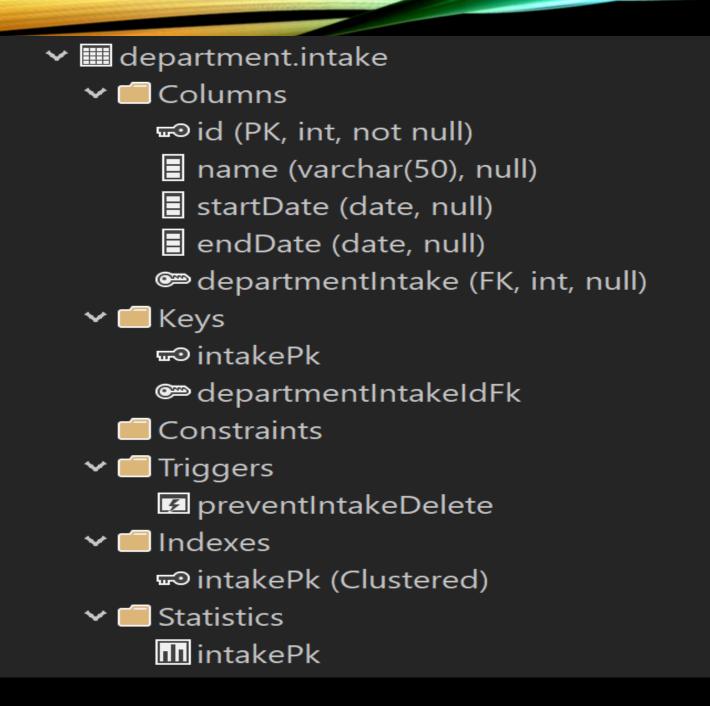


✓ ■ Columns wid (PK, int, not null) name (varchar(50), null) managerId (FK, int, null) **∨ i** Keys **₩** branchPk branchConstructorFk Constraints Triggers ✓ ■ Indexes substanch Pk (Clustered)

display="block" block" branch Pk (Clustered)

display="block" block" block" branch Pk (Clustered)

display="block" block" block" block bloc MA_Sys_00000005_403A8C7D **III** branchPk **department.intake**

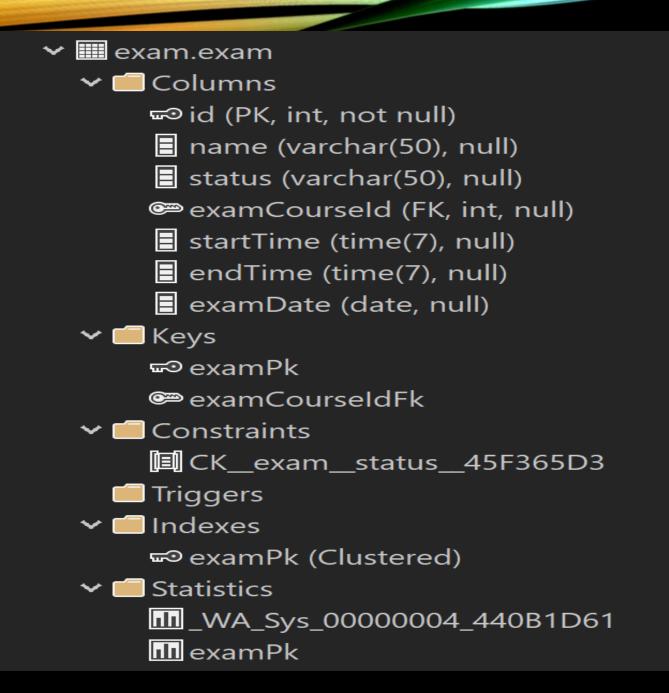


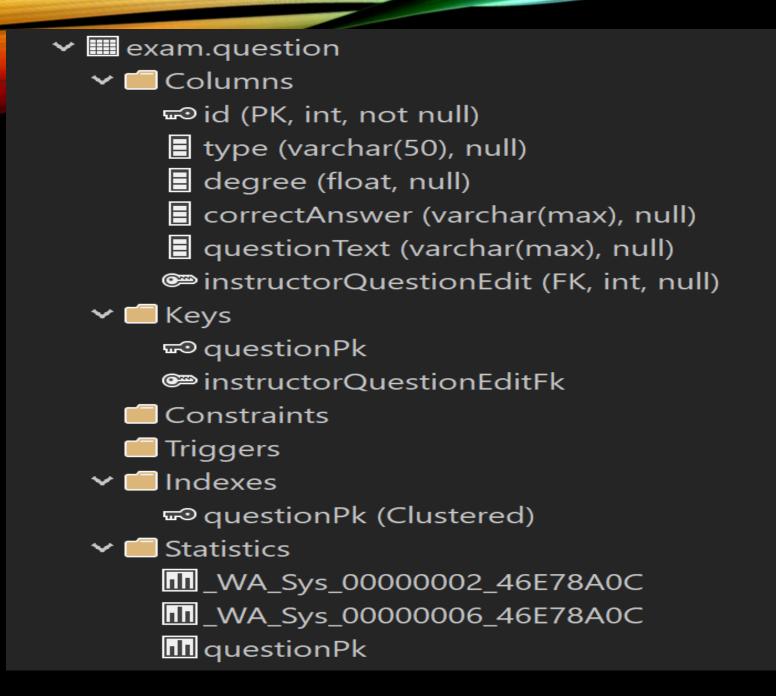
∨ i Columns wid (PK, int, not null) name (varchar(50), null) departmentTrack (FK, int, null) **∨** iii Keys **ਛ** trackPk departmentTrackIdFk Constraints Triggers **→** Indexes □ trackPk (Clustered) WA_Sys_00000003_3E52440B illi trackPk

▼ IIII exam.choices ✓
☐ Columns schoiceNumber (PK, int, not null)

choiceNumber (PK, int, not null) id (int, null) choiceText (varchar(max), null) **∨** iii Keys □ choicesPk Constraints Triggers ✓ ■ Indexes schoicesPk (Clustered)

choicesPk (Clustered) WA_Sys_00000002_7B264821 MA_Sys_00000003_7B264821 n choicesPk





```
✓ □ Columns

      ⇔ examId (PK, FK, int, not null)

□ questionId (PK, FK, int, not null)
  ∨ iii Keys
      □ PK_examQues_934E9F1458576909
      FK_examQuest_examI_0697FACD
      FK_examQuest_quest_078C1F06
    Constraints
   Triggers

✓ ■ Indexes
      □ PK_examQues_934E9F1458576909 (Clustered)

		✓ ■ Statistics

      MA_Sys_00000002_04AFB25B
      III PK _examQues _ 934E9F1458576909
```

- - **∨ i** Columns
 - instructorId (FK, int, null)
 - classId (FK, int, null)
 - **∨** 🗐 Keys
 - FK_instructo_class_53D770D6
 - FK_instructo_instr_52E34C9D
 - Constraints
 - **Triggers**
 - Indexes
 - Statistics

∨ i Columns instructorld (PK, FK, int, not null) see examId (PK, FK, int, not null)

see examId (PK, FK, int, not null) **∨ i** Keys **□** PK_instruct_EA672B612FB931E6 FK_instructo_examl_0B5CAFEA FK_instructo_instr_0A688BB1 Constraints Triggers ✓ ■ Indexes □ PK_instruct_EA672B612FB931E6 (Clustered) ✓ ■ Statistics PK_instruct_EA672B612FB931E6

→ III mtm.instructorWork **∨ i** Columns instructorId (PK, FK, int, not null) departmentId (PK, FK, int, not null) **∨ i** Keys ➡ PK_instruct_CFAA79023EE764B5 FK_instructo_depar_03BB8E22 FK_instructo_instr_02C769E9 Constraints Triggers ✓ ■ Indexes PK_instruct_CFAA79023EE764B5 (Clustered) **∨ ■** Statistics PK_instruct_CFAA79023EE764B5

→ III mtm.studentCourse **∨ i** Columns studentId (PK, FK, int, not null)

□ scourseld (PK, FK, int, not null)

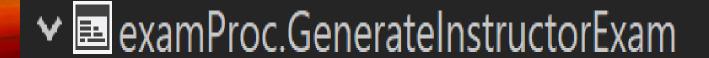
courseld (PK, FK, int, not null) **∨ i** Keys **□** PK_studentC_4FBB52C171082399 FK_studentCo_cours_7FEAFD3E FK_studentCo_stude_7EF6D905 Constraints Triggers **∨** ■ Indexes □ PK_studentC_4FBB52C171082399 (Clustered) III PK_studentC_4FBB52C171082399

✓
☐ Columns ⇔ examId (PK, FK, int, not null) □ questionId (PK, FK, int, not null) studentId (PK, FK, int, not null)

□ answer (varchar(max), null) score (int, null) **∨** iii Keys PK_studentE_AE038EC242F2D900 FK_studentEx_examl_0E391C95 FK_studentEx_quest_0F2D40CE FK_studentEx_stude_10216507 Constraints Triggers ✓ ■ Indexes PK_studentE_AE038EC242F2D900 (Clustered) Statistics MA_Sys_00000002_0C50D423 III _WA_Sys_00000003_0C50D423 MA_Sys_00000005_0C50D423 PK_studentE_AE038EC242F2D900

Stored procedure

- - ✓ Parameters
 - @examId (int, Input, No default)
 - @courseld (int, Input, No default)
 - @instructorId (int, Input, No default)
 - @Num_MCQ_Questions (int, Input, No default)
 - @Num_TF_Questions (int, Input, No default)
 - @ @startTime (time(7), Input, No default)
 - @endTime (time(7), Input, No default)
 - @examDate (date, Input, No default)
 - @courseName (varchar(50), Input, No default)
 - @ @status (varchar(50), Input, No default)
 - ն Returns integer



- **→** Parameters
 - @@instructorId (int, Input, No default)
 - @@examId (int, Input, No default)
 - Returns integer



- ✓ Parameters
 - @examId (int, Input, No default)
 - @studentId (int, Input, No default)
 - Returns integer

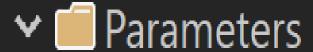
- **▼** examProc.numberOfQuestion
 - ✓ Parameters
 - @examld (int, Input, No default)
 - Returns integer

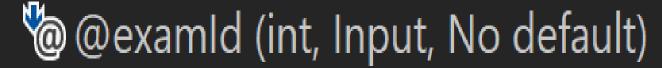


- ✓ Parameters
 - @@examId (int, Input, No default)
 - @@studentId (int, Input, No default)
 - @questionId (int, Input, No default)
 - @ @studentAnswer (varchar(max), Input, No default)
 - Returns integer

- examProc.studentExamGrade
 - ▶ Parameters
 - @@examld (int, Input, No default)
 - @@studentId (int, Input, No default)
 - Returns integer









Project show data

| | id | name | managerld |
|---|----|--------------|-----------|
| 1 | 1 | iti cairo | 14 |
| 2 | 2 | iti mansoura | 13 |
| 3 | 3 | iti assiut | 12 |
| 4 | 4 | iti alex | 11 |
| 5 | 5 | iti aswan | 10 |

| | | _ | |
|----|--------------|----|---|
| | choiceNumber | id | choiceText |
| 1 | 1 | 4 | Andrea Ferro |
| 2 | 2 | 4 | Adele Goldberg |
| 3 | 3 | 4 | Alan Kay |
| 4 | 4 | 4 | Dennis Ritchie |
| 5 | 5 | 5 | Efficient Code |
| 6 | 6 | 5 | Code reusability |
| 7 | 7 | 5 | Modularity |
| 8 | 8 | 5 | Duplicate/Redundant data |
| 9 | 9 | 6 | Kotlin |
| 10 | 10 | 6 | SmallTalk |
| 11 | 11 | 6 | Java |
| 12 | 12 | 6 | C++ |
| 13 | 13 | 7 | 1980's |
| 14 | 14 | 7 | 1995 |
| 15 | 15 | 7 | 1970's |
| 16 | 16 | 7 | 1993 |
| 17 | 17 | 8 | FALSE |
| 18 | 18 | 8 | TRUE |
| 19 | 19 | 9 | OOP can be used without using any header file |
| 20 | 20 | 9 | stdlih |
| 21 | 21 | 9 | iostream.h |
| 22 | 22 | 9 | stdio.h |

| | And the second s | | |
|----|--|-------|------------|
| | id | name | classYear |
| 1 | 1 | lab 1 | 2023-01-01 |
| 2 | 2 | lab 2 | 2023-01-01 |
| 3 | 3 | lab 3 | 2023-01-01 |
| 4 | 4 | lab 4 | 2023-01-01 |
| 5 | 5 | lab 5 | 2023-01-01 |
| 6 | 6 | lab 6 | 2023-01-01 |
| 7 | 7 | lab 7 | 2023-01-01 |
| 8 | 8 | lab 1 | 2022-01-01 |
| 9 | 9 | lab 2 | 2022-01-01 |
| 10 | 10 | lab 3 | 2022-01-01 |
| 11 | 11 | lab 4 | 2022-01-01 |
| 12 | 12 | lab 5 | 2022-01-01 |
| 13 | 13 | lab 6 | 2022-01-01 |
| 14 | 14 | lab 7 | 2022-01-01 |
| 15 | 15 | lab 1 | 2021-01-01 |
| 16 | 16 | lab 2 | 2021-01-01 |
| 17 | 17 | lab 3 | 2021-01-01 |
| 18 | 18 | lab 4 | 2021-01-01 |
| 19 | 19 | lab 5 | 2021-01-01 |
| 20 | 20 | lab 6 | 2021-01-01 |
| 21 | 21 | lab 7 | 2021-01-01 |

| | id | name | maxDegree | minDegree | discription | courseInstructor |
|----|----|--|-----------|-----------|--|------------------|
| 1 | 1 | Introduction to Programming | 20 | 10 | Learn the basics of programming. | 1 |
| 2 | 2 | Intermediate Programming Concepts | 40 | 20 | Build upon your programming knowledge. | 1 |
| 3 | 3 | Object-Oriented Programming | 90 | 30 | Learn about OOP principles. | 1 |
| 4 | 4 | Data Structures and Algorithms | 95 | 40 | Explore fundamental data structures and algorith | 1 |
| 5 | 5 | Web Development Fundamentals | 90 | 10 | Introduction to web development technologies. | 1 |
| 6 | 6 | Database Design and Management | 85 | 25 | Learn about designing and managing databases. | 1 |
| 7 | 7 | Mobile App Development | 80 | 30 | Develop applications for mobile devices. | 1 |
| 8 | 8 | Software Testing and Quality Assurance | 70 | 20 | Ensure the quality of software through testing. | 1 |
| 9 | 9 | Advanced Algorithms | 95 | 50 | Explore complex algorithms and problem-solving. | 2 |
| 10 | 10 | Artificial Intelligence Fundamentals | 85 | 15 | Introduction to AI concepts. | 2 |
| 11 | 11 | Machine Learning Basics | 80 | 25 | Learn the basics of machine learning. | 2 |
| 12 | 12 | Deep Learning and Neural Networks | 90 | 40 | Dive into deep learning and neural networks. | 2 |
| 13 | 13 | Cybersecurity Essentials | 85 | 20 | Introduction to cybersecurity principles. | 2 |
| 14 | 14 | Ethical Hacking | 90 | 40 | Explore ethical hacking techniques. | 3 |
| 15 | 15 | Cloud Computing Technologies | 80 | 15 | Introduction to cloud computing. | 3 |
| 16 | 16 | DevOps Practices | 75 | 25 | Learn about development and operations collabor | 3 |
| 17 | 17 | Agile and Scrum Methodologies | 90 | 10 | Introduction to Agile and Scrum. | 3 |
| 18 | 18 | Software Project Management | 85 | 30 | Manage software projects effectively. | 3 |
| 19 | 19 | UI/UX Design Fundamentals | 80 | 15 | Introduction to user interface and user experience | 4 |
| 20 | 20 | Game Development Basics | 90 | 20 | Learn the basics of game development. | 4 |
| 21 | 21 | IoT and Embedded Systems | 85 | 25 | Introduction to the Internet of Things and embedd | 4 |
| 22 | 22 | Blockchain Fundamentals | 75 | 30 | Explore the basics of blockchain technology. | 4 |

| | id | name | startWork | email | password | accountDate | role |
|----|----|-------------------|------------|---------------------|---------------|-------------|------------|
| 1 | 1 | John Jane | 2011-01-01 | john@example.com | password123 | 2012-01-01 | instructor |
| 2 | 2 | Jane Michael | 2013-01-01 | jane@example.com | securepass456 | 2013-01-01 | instructor |
| 3 | 3 | Michael Williams | 2014-01-01 | michael@example.com | mypass789 | 2014-01-01 | instructor |
| 4 | 4 | Emily Daniel | 2014-01-01 | emily@example.com | safe123 | 2015-01-01 | instructor |
| 5 | 5 | Daniel Davis | 2012-01-01 | daniel@example.com | mysecret789 | 2012-01-01 | instructor |
| 6 | 6 | Olivia Davis | 2019-01-01 | olivia@example.com | pass432 | 2019-01-01 | instructor |
| 7 | 7 | William Anderson | 2010-01-01 | william@example.com | secure567 | 2010-01-01 | instructor |
| 8 | 8 | Sophia Anderson | 2011-01-14 | sophia@example.com | p@ssword890 | 2009-01-01 | instructor |
| 9 | 9 | James Hernandez | 2011-12-01 | james@example.com | safepass123 | 2008-01-01 | instructor |
| 10 | 10 | Grace Hernandez | 2011-11-01 | grace@example.com | mysecret567 | 2005-01-01 | manager |
| 11 | 11 | Liam Martinez | 2011-01-15 | liam@example.com | liam123 | 2001-01-01 | manager |
| 12 | 12 | Ava Martinez | 2011-12-01 | ava@example.com | avapass567 | 2011-01-01 | manager |
| 13 | 13 | Noah Martinez | 2011-01-01 | noah@example.com | noah890 | 2000-01-01 | manager |
| 14 | 14 | Emma Noah | 2011-02-01 | emma@example.com | emma123 | 2000-01-12 | manager |
| 15 | 15 | Jackson Hernandez | 2011-03-12 | jackson@example.com | jackson567 | 2011-01-01 | instructor |

| | | The state of the s | Name and Address of the Owner, which was not to the Owner, which was not to the Owner, where the Owner, which is the Owner, | | |
|----|----|--|---|------------|------------------|
| | id | name | startDate | endDate | departmentIntake |
| 1 | 1 | R23-1 | 2023-07-06 | 2023-11-06 | 1 |
| 2 | 2 | R23-1 | 2023-07-06 | 2023-11-06 | 2 |
| 3 | 3 | R23-1 | 2023-07-06 | 2023-11-06 | 3 |
| 4 | 4 | R23-1 | 2023-07-06 | 2023-11-06 | 4 |
| 5 | 5 | R23-1 | 2023-07-06 | 2023-11-06 | 5 |
| 6 | 6 | R23-1 | 2023-07-06 | 2023-11-06 | 1 |
| 7 | 7 | R23-1 | 2023-07-06 | 2023-11-06 | 2 |
| 8 | 8 | R23-1 | 2023-07-06 | 2023-11-06 | 3 |
| 9 | 9 | R23-1 | 2023-07-06 | 2023-11-06 | 5 |
| 10 | 10 | R23-1 | 2023-07-06 | 2023-11-06 | 4 |
| 11 | 11 | R23-1 | 2023-07-06 | 2023-11-06 | 5 |
| 12 | 12 | R23-1 | 2023-07-06 | 2023-11-06 | 3 |
| 13 | 13 | R23-1 | 2023-07-06 | 2023-11-06 | 2 |
| 14 | 14 | R23-1 | 2023-07-06 | 2023-11-06 | 1 |
| 15 | 15 | R23-1 | 2023-07-06 | 2023-11-06 | 2 |
| 16 | 16 | R23-1 | 2023-07-06 | 2023-11-06 | 2 |

| | id | type | degree | correctAnswer | questionText | instructorQuestionEdit |
|----|----|------|--------|---|---|------------------------|
| 1 | 4 | mcq | 1 | Alan Kay | Who invented OOP? | 1 |
| 2 | 5 | mcq | 1 | Duplicate/Redundant data | Which is not a feature of OOP in general definitions? | 1 |
| 3 | 6 | mcq | 1 | SmallTalk | Which was the first purely object oriented programmi | 1 |
| 4 | 7 | mcq | 1 | 1970's | When OOP concept did first came into picture? | 1 |
| 5 | 8 | t/f | 1 | TRUE | Inheritance feature of OOP indicates code reusability? | 1 |
| 6 | 9 | mcq | 1 | OOP can be used without using any header file | Which header file is required in C++ to use OOP? | 1 |
| 7 | 10 | mcq | 1 | It supports usual declaration of primitive data types | Why Java is Partially OOP language? | 1 |
| 8 | 11 | mcq | 1 | Platform independent | Which among the following doesn't come under OO | 1 |
| 9 | 12 | mcq | 1 | class derived_classname : access base_classname | Which is the correct syntax of inheritance? | 1 |
| 10 | 13 | mcq | 1 | Copy an object so that it can be passed to a function | The copy constructors can be used to | 1 |
| 11 | 14 | mcq | 1 | Message Passing | The feature by which one object can interact with an | 1 |
| 12 | 15 | mcq | 1 | The language must follow all the rules of OOP | Which among the following for a pure OOP language | 1 |
| 13 | 16 | mcq | 1 | 3 | How many types of access specifiers are provided i | 1 |
| 14 | 17 | mcq | 1 | Code reusability | In multilevel inheritance which is the most significant | 1 |
| 15 | 18 | mcq | 1 | It is a way of combining various data members and | What is encapsulation in OOP? | 1 |
| 16 | 19 | mcq | 1 | Increases overhead of function definition always | Which of the following is not true about polymorphism? | 1 |
| 17 | 20 | mcq | 1 | classname() | Which among the following represents correct constr | 1 |
| 18 | 21 | mcq | 1 | Hiding the implementation and showing only the fea | What is an abstraction in object-oriented programmi | 1 |
| 19 | 22 | t/f | 1 | TRUE | Overloading << can show polymorphism? | 1 |
| 20 | 23 | t/f | 1 | FALSE | In Private access should a constructor be defined s | 1 |
| 21 | 24 | t/f | 1 | TRUE | int x[] = new int[]{02030} Arrays can also b | 2 |
| 22 | 25 | t/f | 1 | TRUE | In an instance method or a constructor "this" is a ref | 2 |

| | id | name | departmentTrack |
|---|----|-----------------------|-----------------|
| 1 | 1 | dotnet full stack | 1 |
| 2 | 2 | mern full stack | 1 |
| 3 | 3 | front end track | 2 |
| 4 | 4 | social media | 2 |
| 5 | 5 | ai | 3 |
| 6 | 6 | embedded system | 3 |
| 7 | 7 | cyber security | 4 |
| 8 | 8 | system administration | 5 |

Take exam procedure

| | | Quest_Answer |
|---|----|---|
| | 1 | int x[] = new int[]{02030} Arrays can also be created and initialize as in above statement. |
| | 2 | aFALSE |
| | 3 | bTRUE |
| 4 | 4 | |
| į | 5 | In an instance method or a constructor "this" is a reference to the current object. |
| (| 6 | aFALSE |
| - | 7 | bTRUE |
| 8 | 3 | |
| 9 | 9 | Garbage Collection is manual process. |
| | 10 | aFALSE |
| | 11 | bTRUE |
| | 12 | |
| | 13 | The JRE deletes objects when it determines that they are no longer being used. This process is called Garbage Collection. |
| | 14 | aFALSE |
| | 15 | bTRUE |
| | 16 | |
| | 17 | Constructor overloading is not possible in Java. |
| | 18 | aFALSE |
| | 19 | bTRUE |
| 2 | 20 | |
| 2 | 21 | Assignment operator is evaluated Left to Right. |
| 2 | 22 | aFALSE |
| 2 | 23 | bTRUE |
| 2 | 24 | |
| 2 | 25 | All binary operators except for the assignment operators are evaluated from Left to Right |
| 2 | 26 | aFALSE |
| 2 | 27 | bTRUE |
| 2 | 28 | |
| 2 | 29 | Java programming is not statically-typed means all variables should not first be declared before they can be used. |
| (| 30 | aFALSE |
| | 31 | bTRUE |
| , | 32 | |
| , | 33 | In Java SE 7 and later underscore characters "_" can appear anywhere between digits in a numerical literal |
| | 34 | aFALSE |
| (| 35 | bTRUE |
| (| 36 | |
| (| 37 | Variable name can begin with a letter "\$" or "_". |
| | 38 | aFALSE |
| | 39 | hTRHF |

| | Quest Answer |
|----|---|
| 42 | _ |
| 43 | bFloating-point value assigned to an integer type |
| 44 | cInteger value assigned to floating type |
| 45 | dInteger value assigned to floating type |
| 46 | |
| | Which of the following is a type of polymorphism in Java Programming? |
| 48 | aCompile time polymorphism |
| 49 | bExecution time polymorphism |
| 50 | cMultilevel polymorphism |
| 51 | dMultiple polymorphism |
| 52 | |
| 53 | What is Truncation in Java? |
| 54 | aFloating-point value assigned to a Floating type |
| 55 | bFloating-point value assigned to an integer type |
| 56 | cInteger value assigned to floating type |
| 57 | dInteger value assigned to floating type |
| 58 | |
| 59 | What is the extension of compiled java classes? |
| 60 | a.class |
| 61 | b.java |
| 62 | c.js |
| 63 | d.txt |
| 64 | |
| 65 | Which exception is thrown when java is out of memory? |
| 66 | aMemoryError |
| 67 | bMemoryFullException |
| 68 | cMemoryOutOfBoundsException |
| 69 | dOutOfMemoryError |
| 70 | |
| 71 | Which of these are selection statements in Java? |
| 72 | abreak |
| 73 | bcontinue |
| | cfor() |
| 75 | dif() |
| 76 | |
| | Which of these keywords is used to define interfaces in Java? |
| 78 | ainterface |
| 79 | bInterface |
| 80 | cintf |
| | dintf |

```
□ CREATE OR ALTER procedure [dbo].[TakeExam]
      @examId INT
110
111
112 ⊟begin
113
     DECLARE @myCursor CURSOR;
     DECLARE @myField INT;
114
115
   CREATE TABLE #Exam (
116
      Quest Answer VARCHAR(Max),
117
118
      questionIdShow int
119
120
    iset · @myCursor · = · CURSOR
121
122
      for
123
      select eq.questionId
      from mtm.examQuestion eq
124
      where eq.examId=@examId
125
126
     OPEN @myCursor
127
128
          FETCH NEXT FROM @myCursor
    129
          INTO @myField
    白
          WHILE @@FETCH STATUS = 0
130
131
132 BEGIN
          insert into #Exam
134
    白
          select q.questionText
135
          from exam question q
136
          where q.id=@myField
137
138
139
          insert into #Exam
    白
          select CONCAT(char(96+ ROW NUMBER()
140
141
          over
          ( partition by c.id order by c.choiceText ))
142
          ,c.choiceText,eq.questionId)
143
          from exam choices c
144
145
          join mtm.examQuestion eq
          on eq.questionId=c.id
```

```
132 BEGIN
133
134 
          insert into #Exam
135
          select q.questionText
136
          from exam question q
          where q.id=@myField
137
138
          insert into #Exam
139
    IĖ.
140
          select CONCAT(char(96+ ROW_NUMBER()
141
          over
142
          ( partition by c.id order by c.choiceText ))
          ,c.choiceText,eq.questionId)
143
          from exam choices c
144
          join mtm.examQuestion eq
145
          on eq.questionId=c.id
146
          where c.id=@myField
147
148
149
          insert into #Exam
    白
          values ('')
150
151
152
         FETCH NEXT FROM @myCursor
153
          INTO @myField
154
      END
155
      CLOSE @myCursor;
156
      DEALLOCATE @myCursor;
157
      select * from #Exam
158
159
      end
160
    ⊟examProc.TakeExam 2
161
      exec numberOfQuestion 4
```

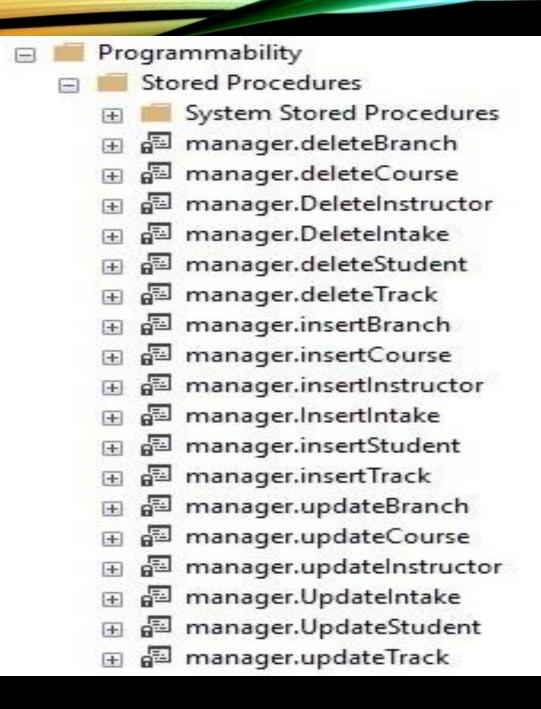
Get student answers

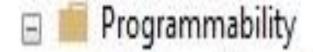
| True Answer True Answer Wrong Answer True Answer Wrong Answer Wrong Answer |
|--|
| Wrong Answer True Answer Wrong Answer |
| True Answer Wrong Answer |
| Wrong Answer |
| |
| Wrong Answer |
| Wilding / tillowell |
| True Answer |
| Wrong Answer |
| True Answer |
| True Answer |
| type Wrong Answer |
| True Answer |
| type Wrong Answer |
| True Answer |
| Wrong Answer |
| Wrong Answer |
| True Answer |
| True Answer |
| Wrong Answer |
| Wrong Answer |
| Wrong Answer |
| |

Exam score

| examId questionId studentId answer 1 2 24 1 TRUE 2 2 25 1 TRUE 3 2 26 1 TRUE 4 2 27 1 TRUE | score 1 1 0 1 0 |
|--|-----------------|
| 2 2 25 1 TRUE 3 2 26 1 TRUE | 1 0 1 |
| 3 2 26 1 TRUE | 0 1 |
| | 1 |
| 4 2 27 1 TRUE | |
| | 0 |
| 5 2 28 1 TRUE | |
| 6 2 29 1 TRUE | 0 |
| 7 2 30 1 TRUE | 1 |
| 8 2 31 1 TRUE | 0 |
| 9 2 32 1 TRUE | 1 |
| 10 2 33 1 TRUE | 1 |
| 11 2 34 1 Floating-point value assigned to a Floating ty | ype 0 |
| 12 2 35 1 Compile time polymorphism | 1 |
| 13 2 36 1 Floating-point value assigned to a Floating ty | ype 0 |
| 14 2 37 1 .class | 1 |
| 15 2 38 1 MemoryError | 0 |
| 16 2 39 1 break | 0 |
| 17 2 40 1 interface | 1 |
| 18 2 41 1 Abstract class | 0 |
| 19 2 42 1 javio | 0 |
| 20 2 43 1 catch | 0 |
| 21 4 24 1 TRUE | 1 |
| 22 4 34 1 Floatit value assigned to a Floating ng-point | ype 0 |

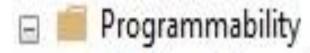
studentExamGrade 1 9

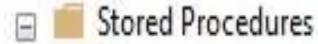






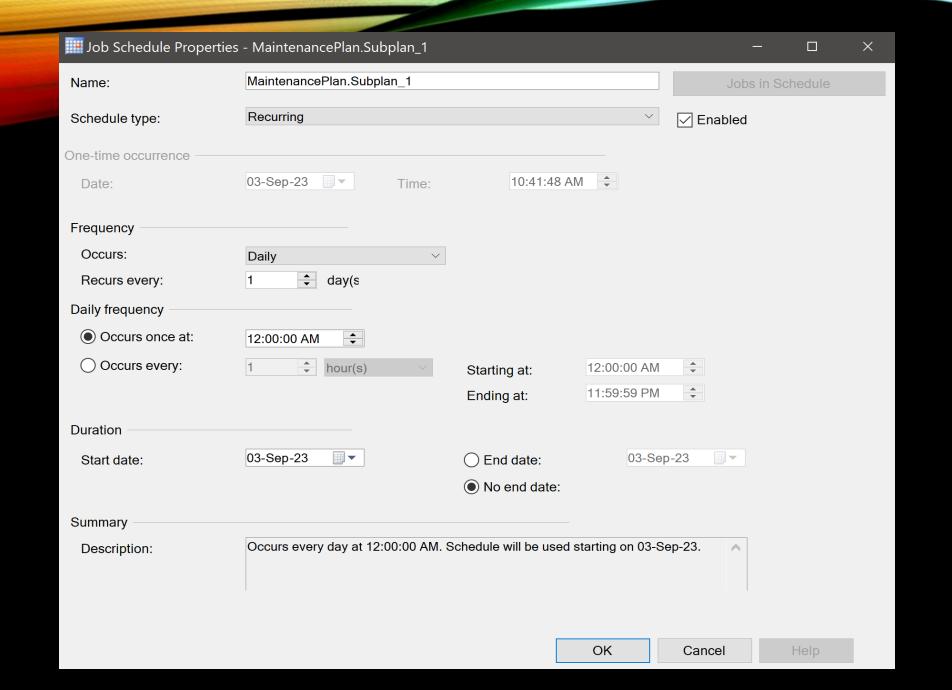
- System Stored Procedures
- ⊕ a examProc.TakeExam





- System Stored Procedures
- ⊕ examProc.GenerateAnExam
- ⊕ examProc.GenerateInstructorExam

Sql daily backup



views



- System Views
- > dbo.allMembers
- dbo.doExame
- Dropped Ledger Views