edX

Course > Final E... > Exam > Exam

Exam

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Checkboxes with Hints and Feedback

1/1 point (graded)
You need to complete the following question to assess your completion of the course.

Which of the following DML statements can you use in a stored procedure?

- ☑ SELECT

- ☑ INSERT

- ☑ UPDATE

- ☑ DELETE

✔

| Submit | You have used 1 of 1 attempt |

✔ Correct (1/1 point)

Checkboxes with Hints and Feedback

1/1 point (graded)
You need to complete the following question to assess your completion of the course.

Which of the following are suitable beginning characters for a user stored procedure?

☑ PROC_

☑ PR_

☐ SP_

☐ XP_

✔

| Submit | You have used 1 of 1 attempt |

✔ Correct (1/1 point)

Checkboxes

1/1 point (graded)
You need to complete the following question to assess your completion of the course.

Which of the following guidelines should you follow when creating a stored procedure?

☑ Keep consistent SET options

☑ Apply consistent naming conventions

☐ Group as many tasks as possible into each procedure

☑ Ensure that the nesting level does not exceed 32

☐ Start procedure names with sp_

✔

Submit   You have used 1 of 1 attempt

✔ Correct (1/1 point)

Multiple Choice with Hints and Feedback

1/1 point (graded)
You need to complete the following question to assess your completion of the course.

What is the most straightforward way to pass values to a stored procedure?

- ◉ Use an input parameter ✔
- ○ Store the value in a temporary table
- ○ Store the value in a variable
- ○ Use an output parameter

Answer
Correct: You should use input parameters to pass values to a stored procedure.

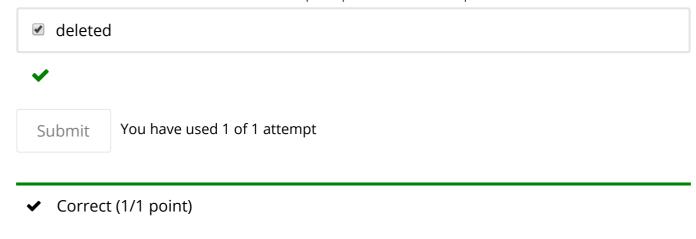Submit   You have used 1 of 1 attempt

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✔ Correct (1/1 point)

Multiple Choice with Hints and Feedback

1/1 point (graded)
You need to complete the following question to assess your completion of the course.

How do you access an output parameter from a stored procedure?.

○ Execute the stored procedure and view the recordset returned

○ Declare a variable and make it equal to the stored procedure

⦿ Declare a variable and pass it as an output parameter when you execute the stored procedure ✔

○ Declare a variable inside the stored procedure and then view it after you run the stored procedure

Answer
Correct:
Declare a variable and pass it as an output parameter when you execute the stored procedure.

| Submit | You have used 1 of 1 attempt |

✔ Correct (1/1 point)

Checkboxes

1/1 point (graded)
You need to complete the following question to assess your completion of the course.

Which special temporary tables do triggers use?

☑ inserted

☐ updated

☐ truncated

☑ deleted

✔

| Submit | You have used 1 of 1 attempt |

✔ Correct (1/1 point)

Multiple Choice with Hints and Feedback

1/1 point (graded)
You need to complete the following question to assess your completion of the course.

True or false, triggers are the most efficient way to validate input

○ True

◉ False ✔

Answer
Correct:
Triggers might be the most functional way to validate data, but they are rarely the most efficient.

| Submit | You have used 1 of 1 attempt |

✔ Correct (1/1 point)

Multiple Choice with Hints and Feedback

1/1 point (graded)
You need to complete the following question to assess your completion of the course.

What is the maximum number of levels that are allowed in a nested trigger?

- ○ 2

- ○ 4

- ○ 8

- ○ 16

- ◉ 32 ✔

Answer
Correct: There are 32 levels allowed in a nexted trigger.

| Submit | You have used 1 of 1 attempt |

✔ Correct (1/1 point)

Multiple Choice with Hints and Feedback

1/1 point (graded)
You need to complete the following question to assess your completion of the course.

What happens if an AFTER UPDATE trigger issues a rollback?

- ◉ The updates occur in the transaction, the trigger fires, and the updates are rolled back ✔

- ○ The trigger prevents the update from occuring

- ○ The updates occur in the transaction, the trigger fires, and the updated rows are copied to a temporary table

○ A rollback inside a trigger does not affect the calling transaction and the updates are stored

Answer
Correct:
The updates occur in the transaction, the trigger fires, and the updates are rolled back.

| Submit | You have used 1 of 1 attempt |

✔ Correct (1/1 point)

Multiple Choice with Hints and Feedback

1/1 point (graded)
You need to complete the following question to assess your completion of the course.

If you want deleted products marked as discontinued rather than actually being deleted, what is the best way to acheive this?

○ An after trigger

◉ An instead of trigger ✔

○ A constraint

○ A computed column

Answer
Correct: An instead of trigger is the best way to acheive this.

| Submit | You have used 1 of 1 attempt |

✔ Correct (1/1 point)

Multiple Choice with Hints and Feedback

1/1 point (graded)
You need to complete the following question to assess your completion of the course.

Which type of function always has a single SELECT statement?

- ○ Scalar

- ○ System

- ● Inline table-valued ✔

- ○ Multistatement table-valued

Answer
Correct: Inline table-valued functions always have a single SELECT statement.

Submit	You have used 1 of 1 attempt

✔ Correct (1/1 point)

Multiple Choice with Hints and Feedback

1/1 point (graded)
You need to complete the following question to assess your completion of the course.

What data type do table-valued functions return.

- ○ Any data type

- ○ xml

◉ table ✔

○ char

Answer
Correct: Table-valued functions return a table data type.

Submit	You have used 1 of 1 attempt

✔ Correct (1/1 point)

Checkboxes

1/1 point (graded)
You need to complete the following question to assess your completion of the course.

Which of the following are types of system function?

☑ Scalar

☐ Inline table-valued

☑ Aggregate

☑ Ranking

✔

Submit	You have used 1 of 1 attempt

✔ Correct (1/1 point)

Checkboxes

1/1 point (graded)
You need to complete the following question to assess your completion of the course.

Which of the following are true of table-valued functions?

☑ Are like parameterized views

☐ Can often lead to significant performance gains

☑ Can be updatable when inline

☑ Can return table output in a variable

✔

| Submit | You have used 1 of 1 attempt |

✔ Correct (1/1 point)

Multiple Choice with Hints and Feedback

1/1 point (graded)
You need to complete the following question to assess your completion of the course.

What does deterministic mean?

○ It might return different values when it has the same inputs

◉ It will always return the same values when it has the same inputs ✔

○ It will return the execution duration

○ It will return the execution frequency

Answer
Correct: It will always return the same values when it has the same inputs.

| Submit | You have used 1 of 1 attempt |

✔ Correct (1/1 point)

Multiple Choice with Hints and Feedback

1/1 point (graded)
You need to complete the following question to assess your completion of the course.

How should CLR be used?

- ○ To replace Transact-SQL

- ○ To replace the front-end presentation tier application

- ● To extend the functionality of SQL Server ✔

- ○ To replace all user-defined functions

Answer
Correct: To extend the functionality of SQL Server.

| Submit | You have used 1 of 1 attempt |

✔ Correct (1/1 point)

Checkboxes

1/1 point (graded)
You need to complete the following question to assess your completion of the course.

Which of the following is typically an effective use of SQL CLR?

☐ Stored procedure

☐ DML trigger

☑ Aggregate

☑ User-defined data type

✔

Submit	You have used 1 of 1 attempt

✔ Correct (1/1 point)

Multiple Choice with Hints and Feedback

1/1 point (graded)
You need to complete the following question to assess your completion of the course.

What is the recommended permission set for a CLR assembly in most scenarios?

◉ SAFE ✔

◯ INTERNAL_ACCESS

◯ EXTERNAL_ACCESS

◯ UNSAFE

Answer
Correct: SAFE is the recommended permission set in most scenarios.
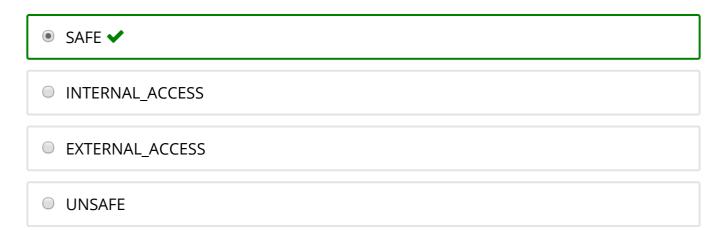
Submit   You have used 1 of 1 attempt

✔ Correct (1/1 point)

Multiple Choice with Hints and Feedback

1/1 point (graded)
You need to complete the following question to assess your completion of the course.

What is the default permission set for SQL Server Data Tools?

⦿ SAFE ✔

○ INTERNAL_ACCESS

○ EXTERNAL_ACCESS

○ UNSAFE

Answer
Correct: SAFE is the default permission set for SQL Server Data Tools.

Submit   You have used 1 of 1 attempt

✔ Correct (1/1 point)

Checkboxes

1/1 point (graded)
You need to complete the following question to assess your completion of the course.

What types of SQL Server object can you use SQL CLR to create

☐ Table

☐ View

☑ Stored procedure

☑ User-defined aggregate

✔

Submit	You have used 1 of 1 attempt

✔ Correct (1/1 point)

Checkboxes

0/1 point (graded)
You need to complete the following question to assess your completion of the course.

What is R?
Select all that apply.

☑ a statistical and data mining language ✔

☑ a procedural language

☐ an extract, transform, and load (ETL) language

☑ Integrated into SQL Server ✔

✖

Submit	You have used 1 of 1 attempt

ℹ **Answers are displayed within the problem**

Multiple Choice with Hints and Feedback

1/1 point (graded)
You need to complete the following question to assess your completion of the course.

In SQL Server, how do you execute R scripts?

- ⦿ Using the sp_execute_external_script stored procedure ✔
- ○ Using the sp_execute_internal_script stored procedure
- ○ Using the sp_execute_compiled_script stored procedure
- ○ Using the sp_execute_R_script stored procedure

Answer
Correct: Using the sp_execute_external_script stored procedure.

Submit	You have used 1 of 1 attempt

✔   Correct (1/1 point)

Multiple Choice with Hints and Feedback

1/1 point (graded)
You need to complete the following question to assess your completion of the course.

How does R make predictions based on your data?

- ○ It compares your data to vast amounts of data on the Internet

⦿   It compares your data to a classification model that you create ✔

○   It uses artificial intelligence (AI)

○   It relies on you evaluating each prediction and improves its algorithms each time

Answer
Correct: It compares your data to a classification model that you create

| Submit | You have used 1 of 1 attempt |

✔   Correct (1/1 point)

Multiple Choice with Hints and Feedback

1/1 point (graded)
You need to complete the following question to assess your completion of the course.

When using R, what is the process of training a classification model?

⦿   Using pre-existing data to train your models ✔

○   Using pre-existing data to produce a set of algorithms

○   Using pre-existing data to produce the results of a data mining operation

○   Using pre-existing data to produce the results of a statistical operation

Answer
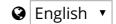Correct: Using pre-existing data to train your models.

| Submit | You have used 1 of 1 attempt |

✔ Correct (1/1 point)

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