

Create a School Database

DESCRIPTION

Using SQL Server MMC, create tables and indexes for storing students, subjects and classes data.

Background of the problem statement:

Rainbow School is creating software for school management. The first stage is to design a database in SQL Server which will manage all the data. This database will then be used in the web-based application for school management.

You must use the following:

SQL Server 17 Express Edition

Tables:

The following master tables will be created:

Student – store all student data across multiple classes

Subjects – master list of subjects taught in all classes

Classes – list of classes in the school

Following requirements should be met:

Some of the source code should be tracked on GitHub repositories. You need to document the tracked files that are ignored during the final push to the GitHub repository.

The submission of your GitHub repository link is mandatory. In order to track your task, you need to share the link of the repository in the document.

The step-by-step process involved in completing this task should be documented.

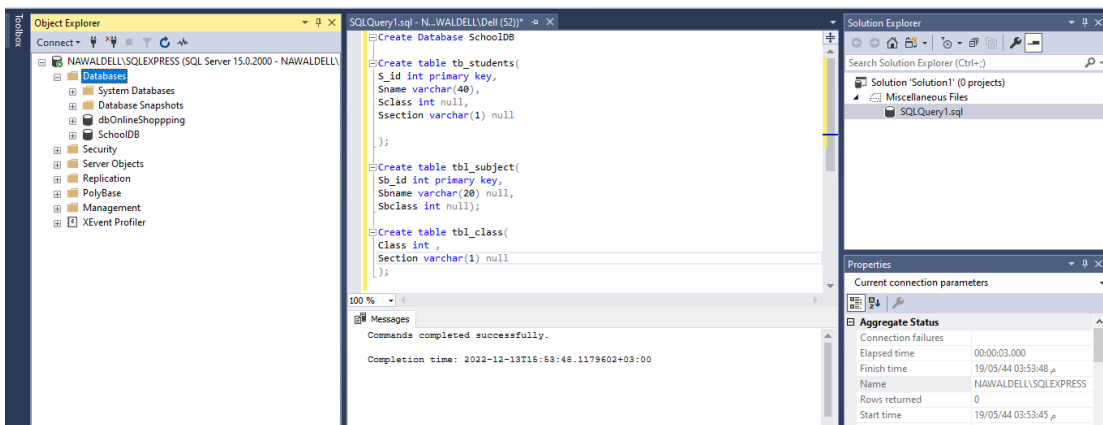
This document contains to :

Write up:

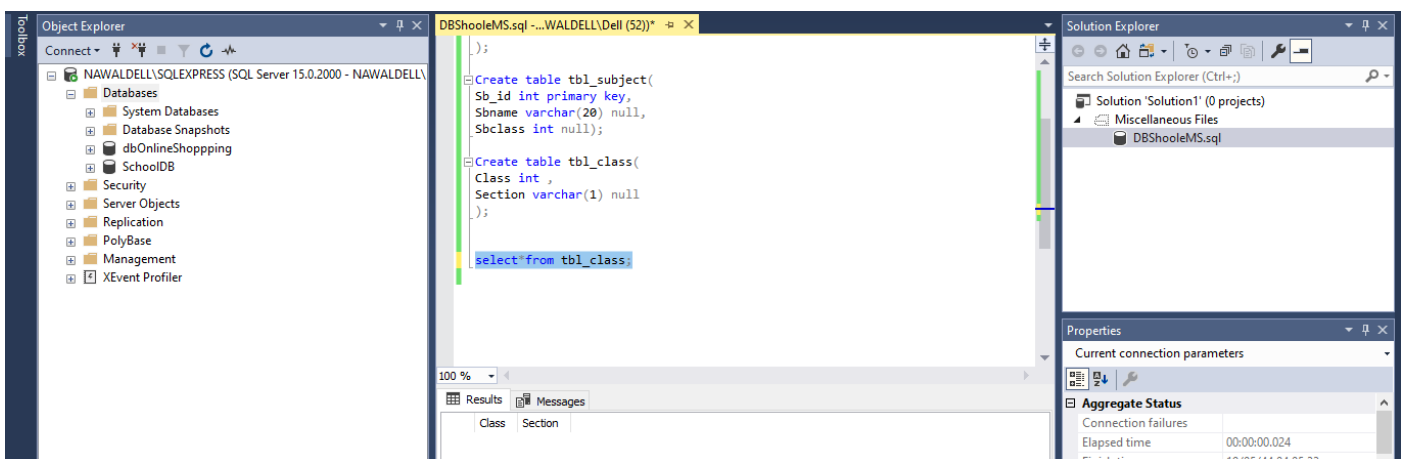
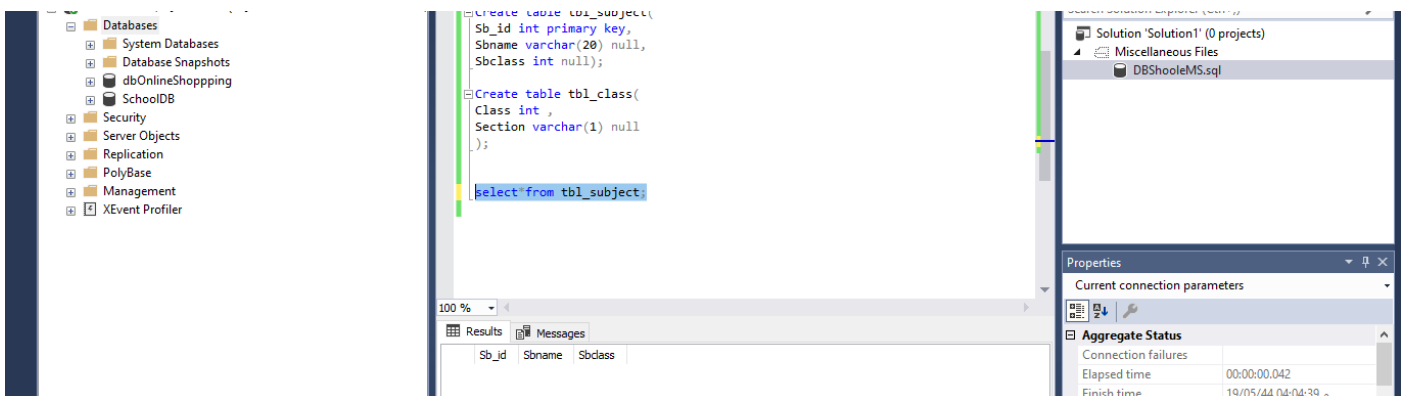
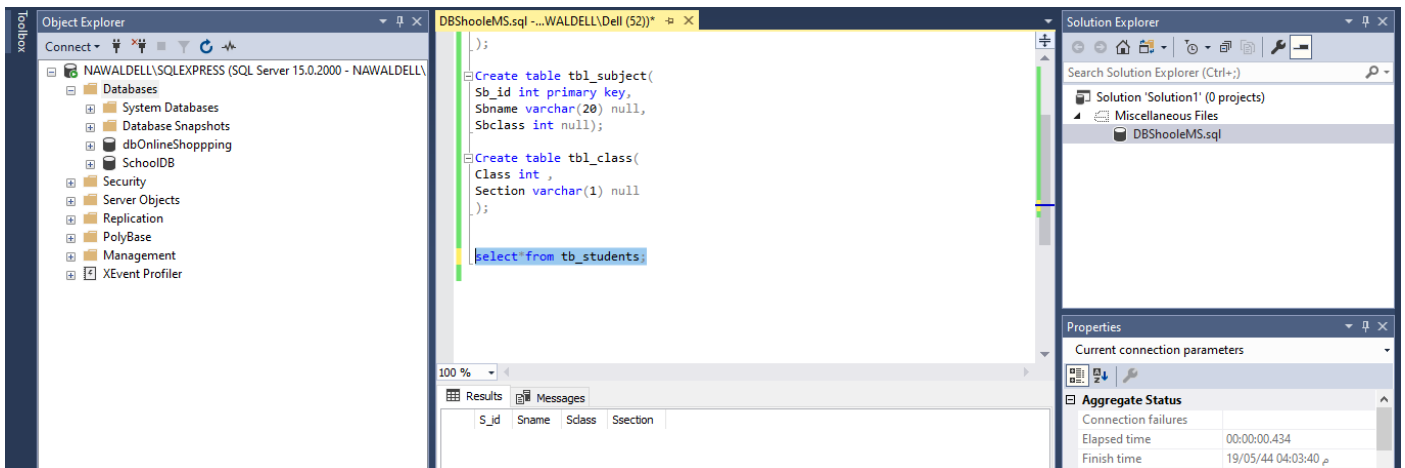
- Create DB
- three tables is created:(Student - Subjects - Classes)
- Display of each table template
- Insertion of data into each table.
- Display tables contents
- Pushing to the GitHub
- Link to the Repository: https://github.com/bitonal/Assignments_Cource3.git

Screen Shoots:

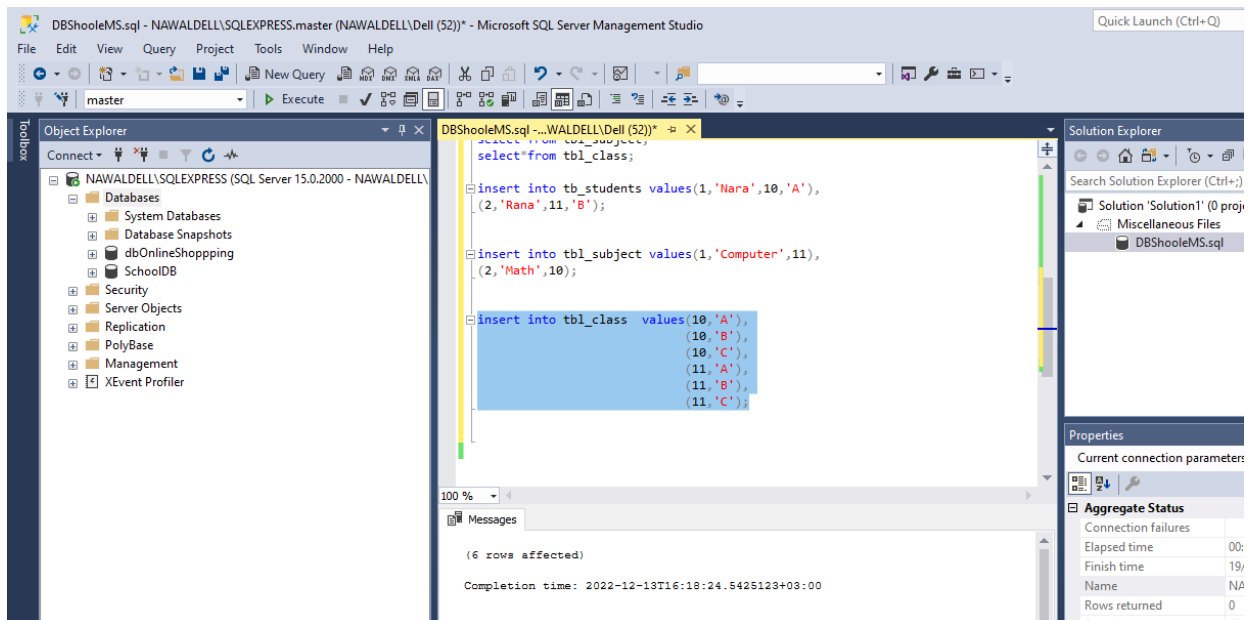
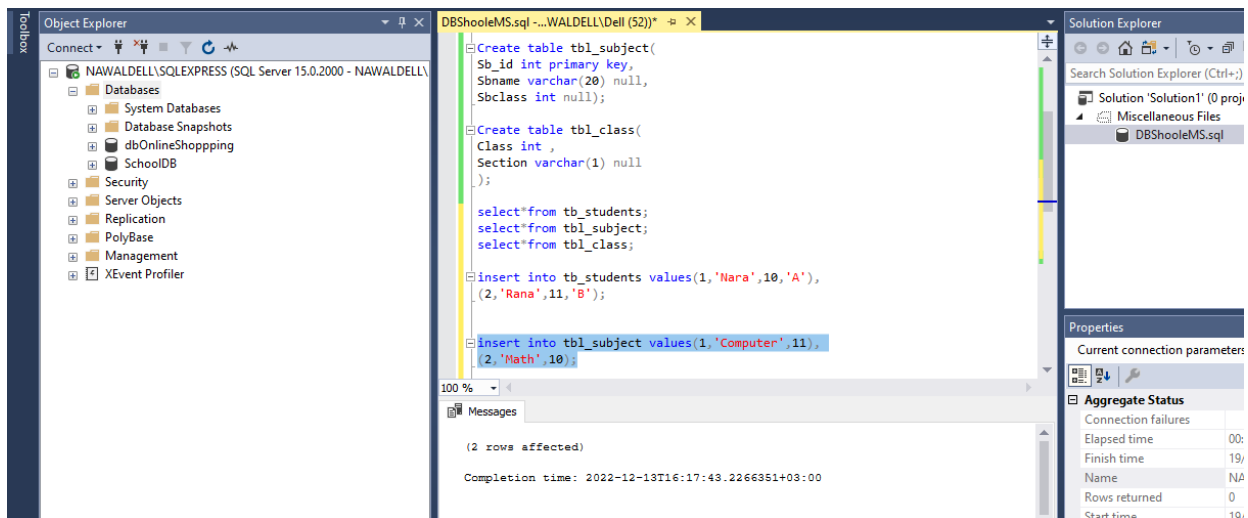
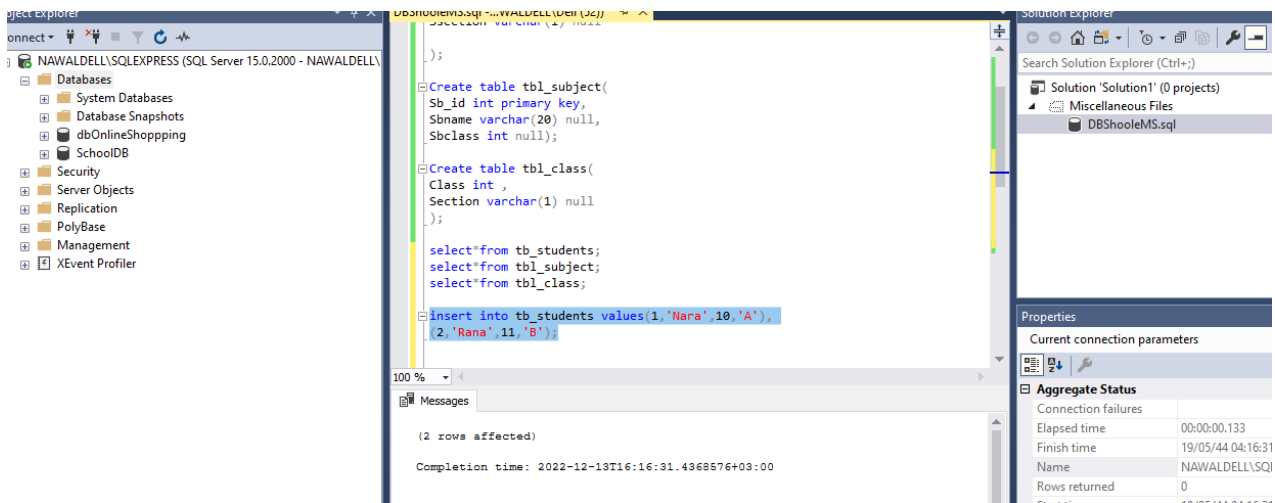
1. Create DB called **schoolDB**
2. three tables is created:
 - a. Student **tb_students**
 - b. Subjects **tbl_subject**
 - c. Classes **tbl_class**



3. Display of each table template:



4. Insertion of data into each table



5. Display tables contents

Object Explorer: NAWALDELL\SQLEXPRESS (SQL Server 15.0.2000 - NAWALDELL)

DBShoolMS.sql - ...WALDELL\Del (52)

```

-- Create table tbl_subject
Create table tbl_subject(
  Sb_id int primary key,
  Sname varchar(20) null,
  Sbclass int null);

-- Create table tbl_class
Create table tbl_class(
  Class int ,
  Section varchar(1) null
);

select*from tb_students;
select*from tbl_subject;
select*from tbl_class;

insert into tb_students values(1,'Nara',10,'A'),
(2,'Rana',11,'B');

```

	Sb_id	Sname	Sbclass	Section
1	1	Nara	10	A
2	2	Rana	11	B

Properties: Current connection parameters

Aggregate Status

Connection failures	
Elapsed time	00:00:00.155
Finish time	19/05/44 04:19:26
Name	NAWALDELL\SQLEXPRESS
Rows returned	2
Start time	19/05/44 04:19:26

Object Explorer: NAWALDELL\SQLEXPRESS (SQL Server 15.0.2000 - NAWALDELL)

DBShoolMS.sql - ...WALDELL\Del (52)

```

-- Create table tbl_subject
Create table tbl_subject(
  Sb_id int primary key,
  Sname varchar(20) null,
  Sbclass int null);

-- Create table tbl_class
Create table tbl_class(
  Class int ,
  Section varchar(1) null
);

select*from tb_students;
select*from tbl_subject;
select*from tbl_class;

insert into tb_students values(1,'Nara',10,'A'),
(2,'Rana',11,'B');

```

	Sb_id	Sname	Sbclass
1	1	Computer	11
2	2	Math	10

Properties: Current connection parameters

Aggregate Status

Connection failures	
Elapsed time	00:00:00.125
Finish time	19/05/44 04:21:23
Name	NAWALDELL\SQLEXPRESS

Object Explorer: NAWALDELL\SQLEXPRESS (SQL Server 15.0.2000 - NAWALDELL)

DBShoolMS.sql - ...WALDELL\Del (52)

```

-- Create table tbl_subject
Create table tbl_subject(
  Sb_id int primary key,
  Sname varchar(20) null,
  Sbclass int null);

-- Create table tbl_class
Create table tbl_class(
  Class int ,
  Section varchar(1) null
);

select*from tb_students;
select*from tbl_subject;
select*from tbl_class;

insert into tb_students values(1,'Nara',10,'A'),
(2,'Rana',11,'B');

```

	Class	Section
1	10	A
2	10	B
3	10	C
4	11	A
5	11	B
6	11	C

Properties: Current connection parameters

Aggregate Status

Connection failures	
Elapsed time	00:00:00.122
Finish time	19/05/44 04:22:00
Name	NAWALDELL\SQLEXPRESS
Rows returned	6
Start time	19/05/44 04:22:00
State	Open

6. Pushing into the GitHub:

ق الاختصار إلى إلى تسمية جديد جديد فتح المحفوظات عكس التحديث تحديث

Ass1 بحث في Ass1

Ass1 < AssCourse3 < (E) القرص المحلي الشخصي

```

MINGW64:/e/AssCourse3/Ass1
$ git init
Initialized empty Git repository in E:/AssCourse3/Ass1/.git/

MINGW64:/e/AssCourse3/Ass1 (master)
$ git branch -M main

MINGW64:/e/AssCourse3/Ass1 (main)
$ git add .

MINGW64:/e/AssCourse3/Ass1 (main)
$ git ls
git: 'ls' is not a git command. See 'git --help'.

The most similar command is
  lfs

MINGW64:/e/AssCourse3/Ass1 (main)
$ ls
DBShoo1eMS.sql

MINGW64:/e/AssCourse3/Ass1 (main)
$ git commit -m "Add First Ass of C3"

```

Ass1 < AssCourse3 < (E) القرص المحلي الشخصي

```

MINGW64:/e/AssCourse3/Ass1 (main)
$ git commit -m "Add First Ass of C3"
[main (root-commit) 2b9f2a0] Add First Ass of C3
1 file changed, 40 insertions(+)
create mode 100644 DBShoo1eMS.sql

MINGW64:/e/AssCourse3/Ass1 (main)
$ git status
On branch main
nothing to commit, working tree clean

MINGW64:/e/AssCourse3/Ass1 (main)
$ git log
commit 2b9f2a0c620a5c09e15622930260cc408582edc3 (HEAD -> main)
Author: Nawal <maltego432@gmail.com>
Date: Tue Dec 13 16:37:52 2022 +0300

    Add First Ass of C3

MINGW64:/e/AssCourse3/Ass1 (main)
$ git remote add origin https://github.com/bitonal/Assignments_Cource3.git

```

Ass1 < AssCourse3 < (E) القرص المحلي الشخصي

```

MINGW64:/e/AssCourse3/Ass1 (main)
$ git log
commit 2b9f2a0c620a5c09e15622930260cc408582edc3 (HEAD -> main)
Author: Nawal <maltego432@gmail.com>
Date: Tue Dec 13 16:37:52 2022 +0300

    Add First Ass of C3

MINGW64:/e/AssCourse3/Ass1 (main)
$ git remote add origin https://github.com/bitonal/Assignments_Cource3.git

MINGW64:/e/AssCourse3/Ass1 (main)
$ git push -u origin main
fatal: 'origin' does not appear to be a git repository
fatal: Could not read from remote repository.

Please make sure you have the correct access rights
and the repository exists.

MINGW64:/e/AssCourse3/Ass1 (main)
$ git push -u origin main

```

github.com/bitonal/Assignments_Cource3

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Go to file Add file <> Code

bitonal Add Ass1 13d9461 2 minutes ago 2 commits

Ass1 Add Ass1 2 minutes ago

README.md Initial commit 10 minutes ago

README.md

Assignments_Cource3

About

No description, website, or topics provided.

Readme

0 stars

1 watching

0 forks

Releases

No releases published

Create a new release

Link to this repository:

https://github.com/bitonal/Assignments_Cource3.git