Databases Laboratory Work Nr 2
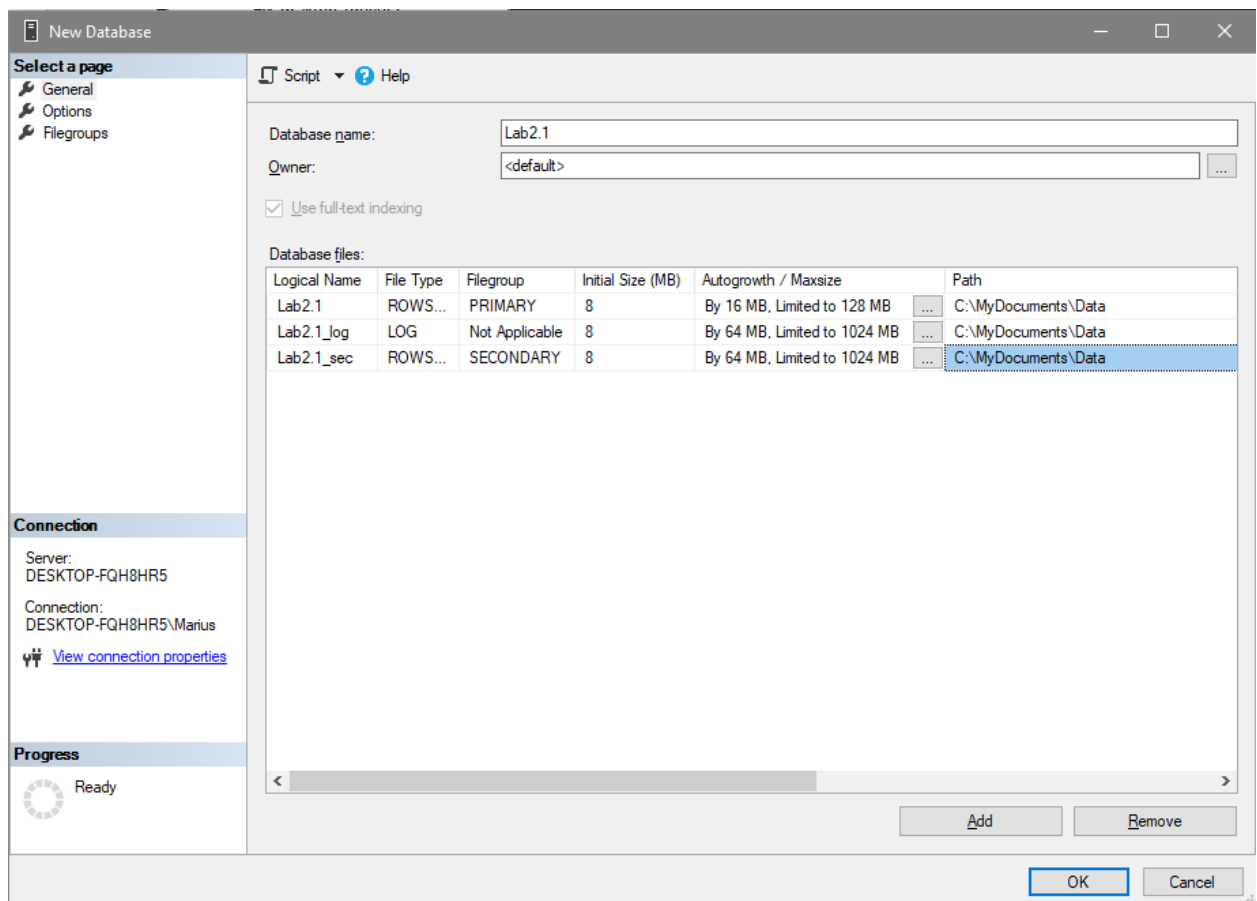
Title: Crearea si inreatinerea bazei de date

Prerequisites: SQL Server management studio

Objectives: Successful creation and configuration of an SQL Server

Tasks:

1.

2.

3.

Log file for this plan


```
Microsoft(R) Server Maintenance Utility (Unicode) Version 14.0.2027
Report was generated on "DESKTOP-FQH8HR5".
Maintenance Plan: MaintenancePlan
Duration: 00:00:00
Status: Succeeded.
Details:
Shrink Database (DESKTOP-FQH8HR5)
Shrink Database on Local server connection
Databases: Lab2.1
Limit: 2000 MB
Free space: 10 %
Task start: 2020-09-20T17:06:49.
Task end: 2020-09-20T17:06:49.
Success
Command:
GO
```

4.

Maintenance Plan Wizard

Select Plan Properties
How do you want to schedule your maintenance tasks?

Name: Reconstruire index

Description:

Run as: SQL Server Agent service account

○ Separate schedules for each task
◉ Single schedule for the entire plan or no schedule

Schedule:

Occurs every first Sunday of every 1 month(s) at 00:00:00. Schedule will be us | Change...

Help | < Back | Next > | Finish | Cancel

Maintenance Plan Wizard

Define Rebuild Index Task
Configure the maintenance task.

Databases: Specific databases

Object: Table

Selection: All

Free space options

○ Default free space per page

◉ Change free space per page to: 10 %

Advanced options

☑ Sort results in tempdb   ☑ Pad Index

☐ Keep index online   ☐ MAXDOP   1

For index types that do not
support online index rebuilds

Maintenance Plan Wizard

Define Update Statistics Task
Configure the maintenance task.

Databases: Specific databases

Object: Table

Selection: All

Update:

○ All existing statistics

○ Column statistics only

● Index statistics only

Scan type:

● Full scan

○ Sample by 50

Maintenance Plan Wizard

Define History Cleanup Task
Configure the maintenance task.

Select the historical data to delete:

☑ Backup and restore history

☐ SQL Server Agent job history

☐ Maintenance plan history

Remove historical data older than:

6 Week(s)

Schedule:

Not scheduled (On Demand)   Change...

Help   < Back   Next >   Finish >>| Cancel

Maintenance Plan Wizard

Select Report Options
Select options for saving or distributing a report of the maintenance plan actions.

☑ Write a report to a text file

Folder location: `C:\MyDocuments\SQL_reports` [...]

☐ E-mail report

To:

Help		< Back	Next >	Finish >>|	Cancel

Reconstruire index_Subplan_1_20200920172204.txt - Notepad

File Edit Format View Help

```
Microsoft(R) Server Maintenance Utility (Unicode) Version 14.0.2027
Report was generated on "DESKTOP-FQH8HR5".
Maintenance Plan: Reconstruire index
Duration: 00:00:12
Status: Succeeded.
Details:
Rebuild Index (DESKTOP-FQH8HR5)
Rebuild index on Local server connection
Databases: Lab2.2
Object: Tables and views
10% of free space
Task start: 2020-09-20T17:21:52.
Task end: 2020-09-20T17:21:52.
Success
Command:
GO
```