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| MTN.BI.07 Introduction to Data Warehousing  Introduction to Data Warehousing |
| Laboratory work |

Contents

[1. Virtual machine setting 3](#_Toc519514587)

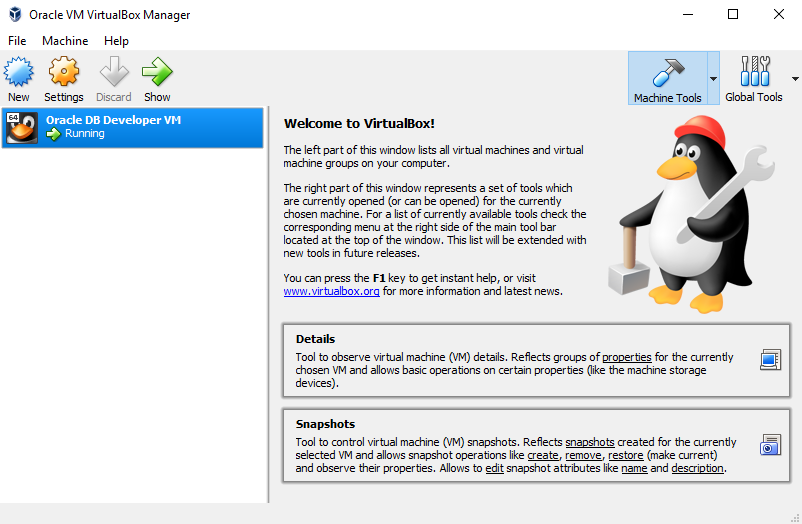
[2. GIT 7](#_Toc519514588)

[3. CHOOSE BUSINESS FOR YOUR PROJECT 11](#_Toc519514589)

# 1. Virtual machine setting

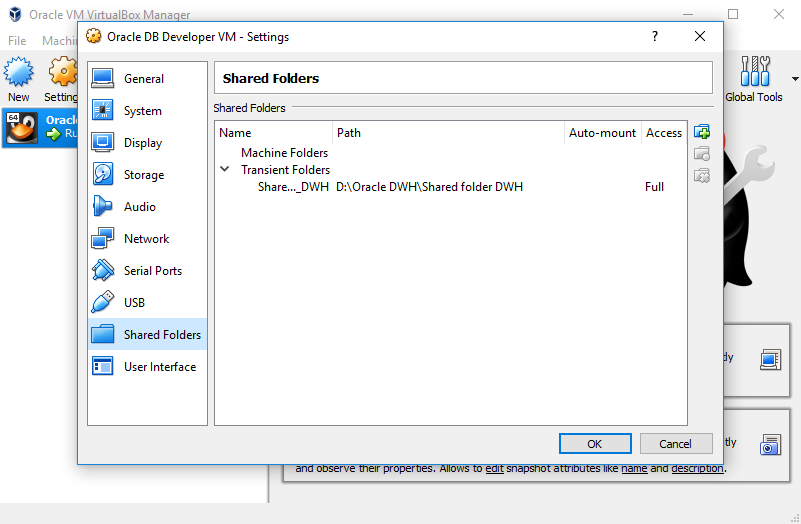
1. Import VM “BI 2018.ova”.

*VM has been imported:*

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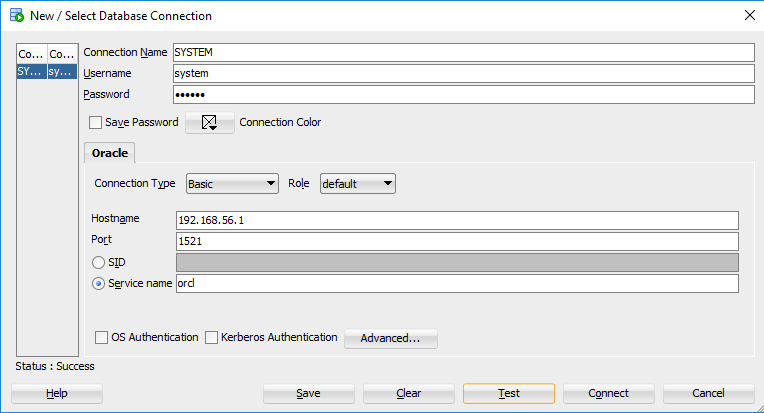
1. Set shared folder between your windows machine and remote machine (this folder might be your GIT folder)

*Shared folder has been set:*

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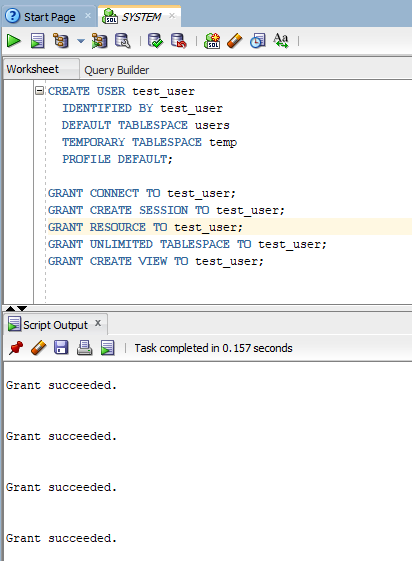
1. Connect to Oracle using sqldeveloper from your Windows machine (port forwarding in your virtual machine needs to be enabled)

*Connection to the virtual machine has been made:*

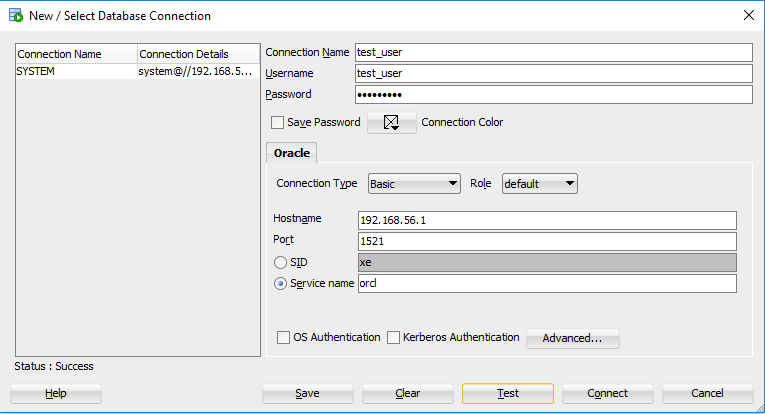


1. Create your user/schema (in Oracle) test\_user – try new VM

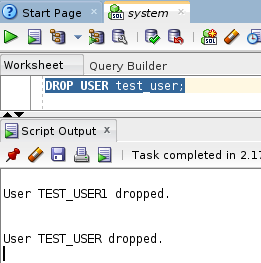
*User test\_user has been created,*



*connection has been tested:*

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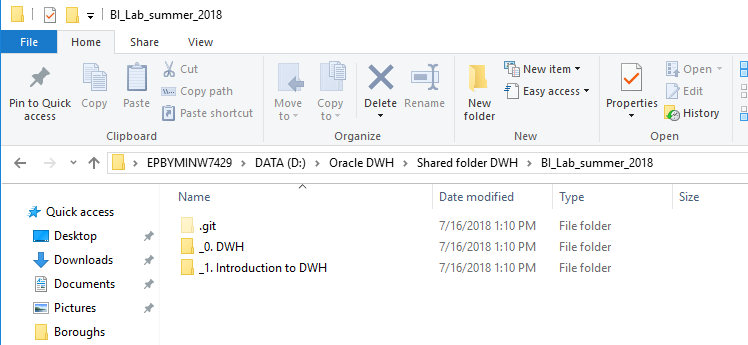
*Created user can be successfully drop from VM (using system – localhost – 1521 – orcl – oracle connection):*

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# 2. GIT

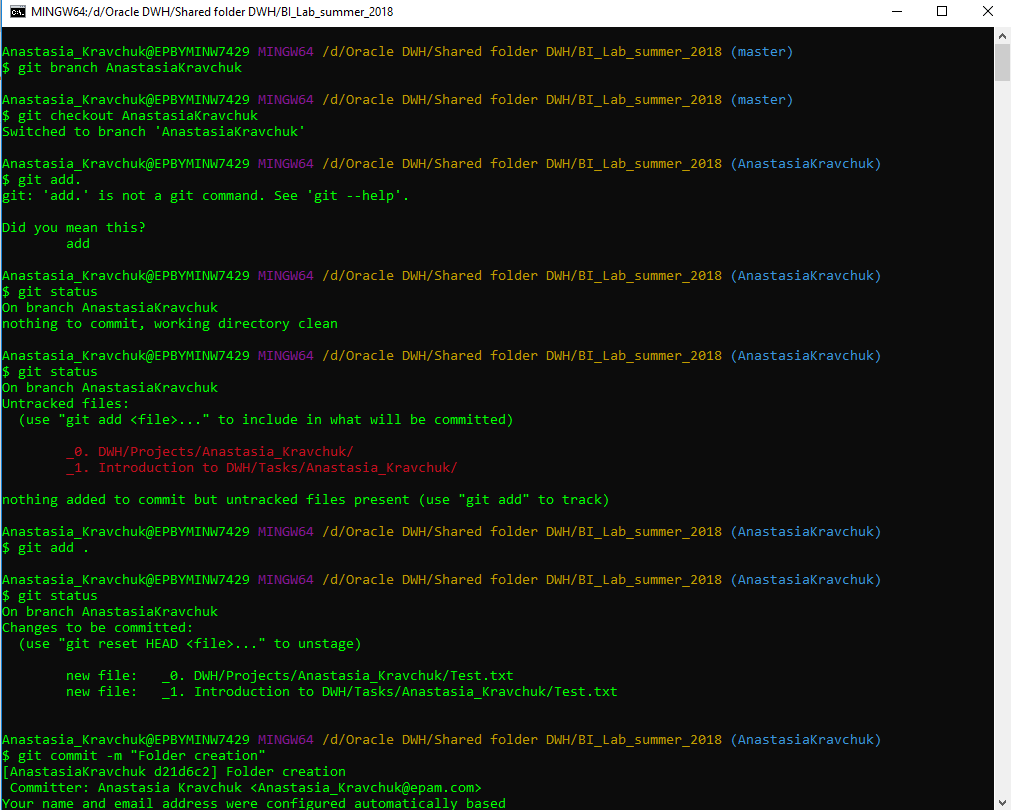
1. Pass GIT tutorial <https://githowto.com/>
2. Clone our “BI\_Lab\_winter-spring\_2018” repository

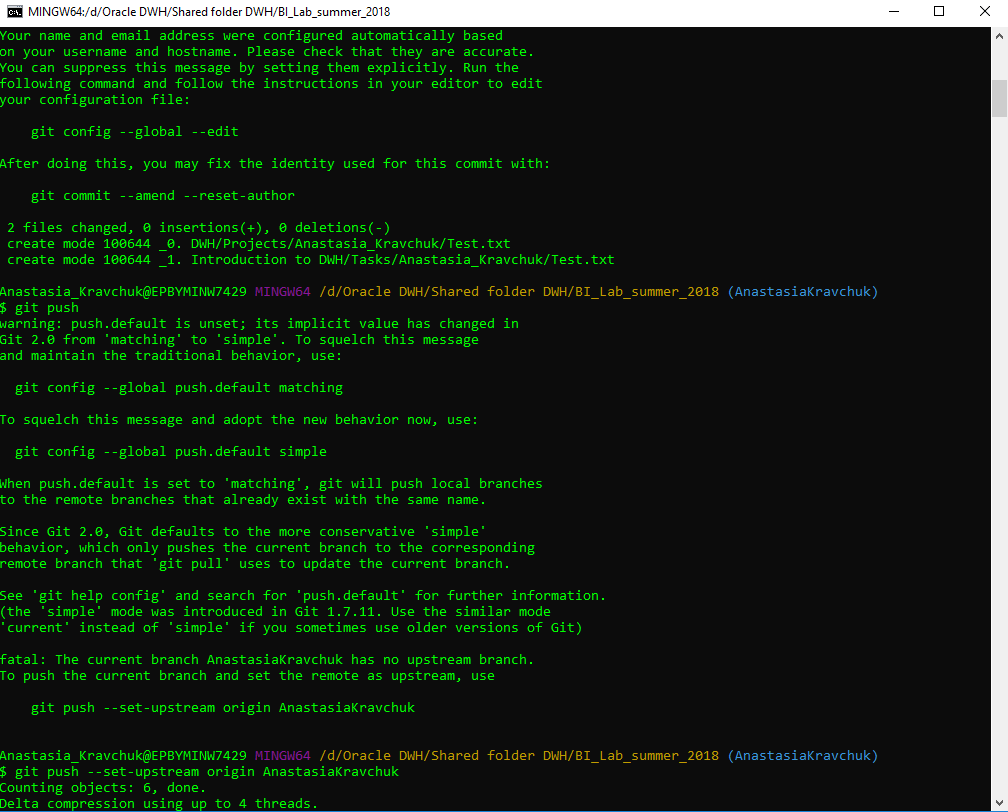
Repository



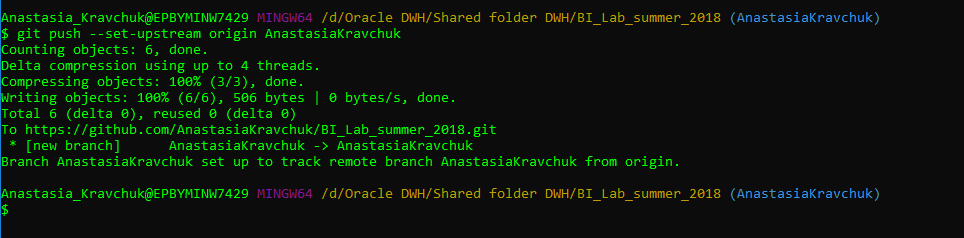
1. Add, commit and pull your personal folders to “BI\_Lab\_winter-spring\_2018\\_0. DWH\Project\” and “BI\_Lab\_winter-spring\_2018\\_1. Introduction to DWH\Tasks”, use “Name\_Surname” template.

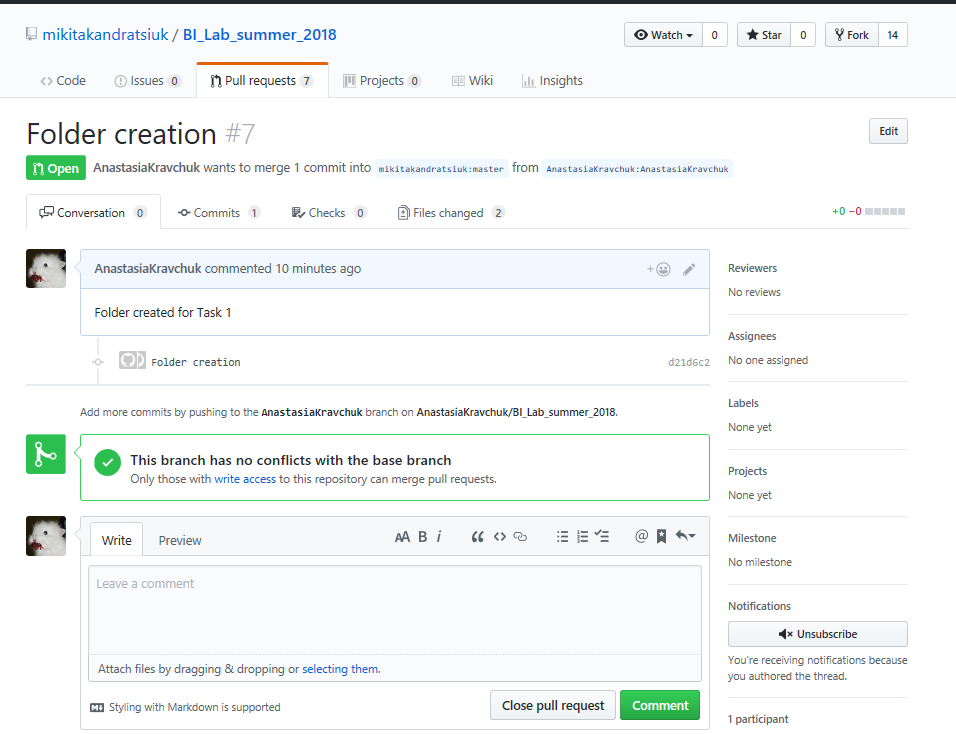
*After cloning repository and creating new folders we pull personal folders back to github:*





*The final result is the following:*

**

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# 3. CHOOSE BUSINESS FOR YOUR PROJECT

* For the next lessons you’ll be creating document describing your chosen business and creating plan of implementing data warehousing for this business.
* During the ETL module you will implement DWH and ETL according to your plan.