BLG101E - Introduction to Information Systems Fall 2022 Assignment 2

- This is individual homework. Please submit your own work.
- The evaluation will be based on your repositories in the GitHub Classroom ituitis-2022-classroom. Please apply your commits on those repositories, otherwise you cannot get evaluated.
- Date and time of your commits will be checked, be careful about the deadline.
- You will upload a screenshot of your command line at the end, so do not close or clear the content of the command line during your work. It is fine to have errors while executing commands but please make sure that you executed the given commands successfully at least once.
- If you have any questions about the assignment, please send an email to karatepe22@itu.edu.tr

IMPORTANT NOTE:
In this assignment, you are expected to add 3 new files to your **local repository**. You must have cloned your github repository**,** which is your **remote repository,** to your computer (**Local repository** is the repository in your computer). Then you will make commits to your **local repository**. Finally you will push your l**ocal repository** to your **remote repository**. Don't upload any files manually to your github repository.

1. Create a Word Document

In this section you can use several programs to create a document with the **".docx"** extension. But at the end, make sure the file has the **".docx"** extension.
You can use:
- Microsoft Word
- Google Docs
- LibreOffice Writer

We are expecting you to create a document that looks like one in the following Figure 1.1.

<first_name> <last_name> <number>

Write your school, grade and currently what softwares and technologies are you interested in.

Example: I am 2'nd grade student at Istanbul Technical University. Currently interested in web backend programming with python.

Hobbies
Write some about your hobbies here. You can write 2-3 sentences.

Address
Istanbul Technical University, Istanbul/Turkey

Contact
E-Mail: <your_student_mail>

Figure 1.1

First heading must be the greatest title. You should already know how to add titles. Also Hobbies, Address and Contact should be in title but smaller. Title colors don't have to match.

After you finish writing, save your file with **"aboutme_<studentId>.docx"** format and put it in your local repository. Example: **aboutme_karatepe22.docx.** We will commit and push these changes later.

2. Creating a PDF Document from Word Document

In this part, you just have to convert your **"aboutme_<studentId>.docx"** file to pdf and name it as **"aboutme_<studentId>.pdf"**. You can follow the steps below for convertion.
- For Microsoft Word, File->Export->Create PDF/XPS and save it as pdf.
- For Google Docs, File->Download->PDF.

Put this file too in your local repository.

3. Spreadsheet

Go to the following spreadsheet, download it or save a copy of it to your drive, it is up to you. You can work on Excel or Google Docs or LibreOffice etc.
https://docs.google.com/spreadsheets/d/1CYcrkcJM8K3YxYoU9P-iSXkpb788eilp/edit?usp=sharing&ouid=101765400659396643430&rtpof=true&sd=true

You should see some questions which are also shown in Figure 1.2.

J	K	L
Questions	Answers (All should be formulas)	Check Your Answer
Total Money Spent (Sum of Total Price Column)		33325.58
Average Quantity		63.28688525
Average Unit Price		2.200819672
Average Total Price		136.5802459
Check First Row Total Price (Quantity*UnitPrice=TotalPrice)		correct
East count		150
West count		94
East or West - Which has more occurance on column B?		East
How many orders after the date 5/15/2020?		199

Figure 1.2

You should see questions on column J. Write correct formulas to answer them on column K, according to given data in the columns A, B, C, D, E, F, G, H of the same spreadsheet. All the answers should be formulas. You can't just manually write the answer. You can check your results by looking at column L.
Question 5 for example, there should be if. If it is true print "correct", otherwise "not correct".
Question 8, if occurrence of East is greater than West print "East", otherwise print "West".
After you have finished, you can save it with the same name (sampledatafoodsales.xlsx).
Also put the file into your local repository.

4. Commit Changes and Push

First open a terminal and go to the folder (local repository) wherever you have cloned your github repository. You should already have done this for previous homework.
Write following commands:
-    git remote -v
-    git status

Add the files by typing the command:
-    git add .
The . at the end is important. It means add all untracked files which are in the current directory.
Run the following command again.
-    git status
It should no longer say "untracked files"
Then commit your changes by entering the following command.
-    git commit -m "I have added 3 new files."
Then push your changes by typing the following command.
-    git push origin main
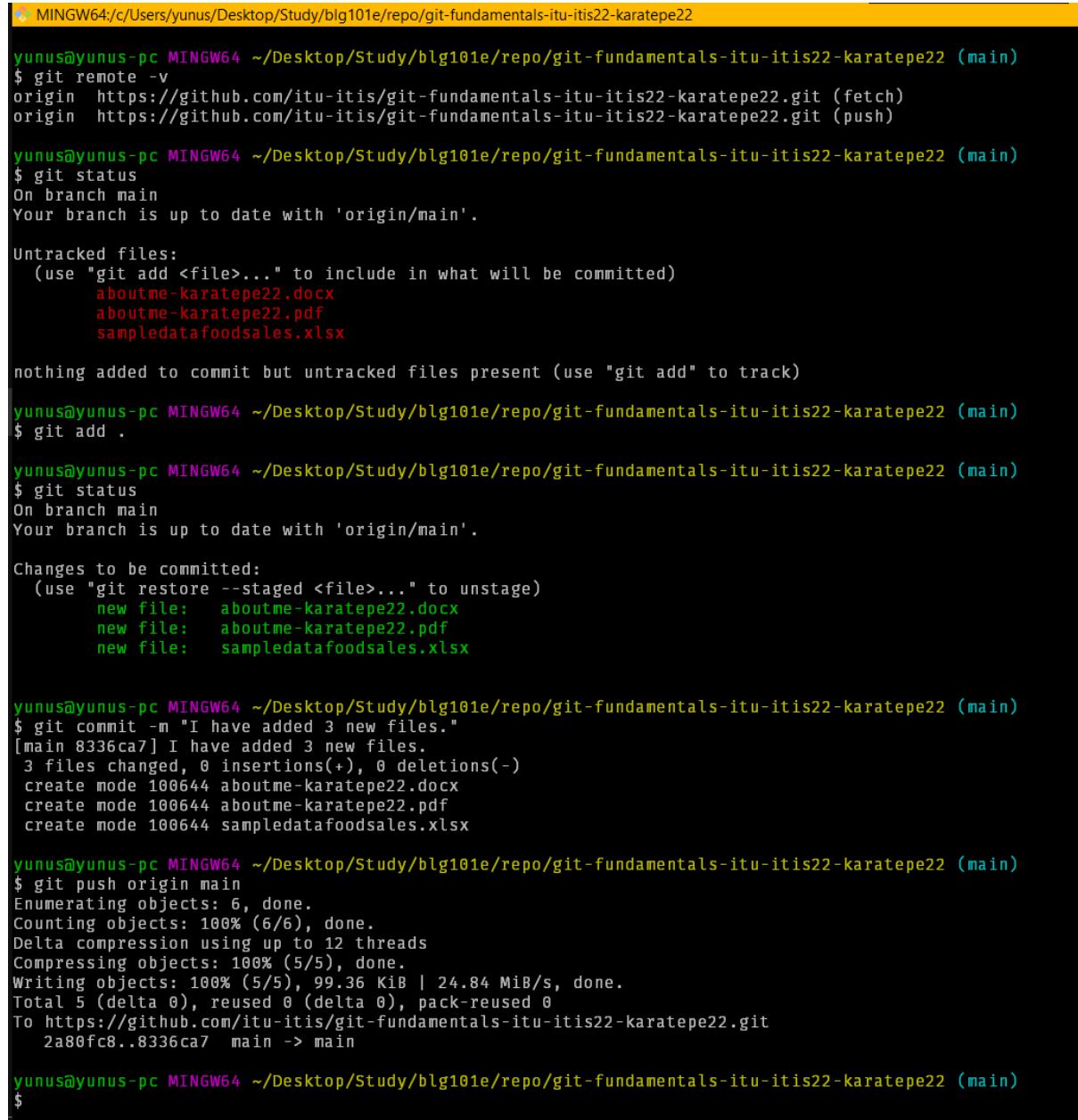
5. Take a Screenshot

Your commits will be checked on GitHub Classroom. You should take the screenshot of your command line displaying all the commands you have executed and submit to Ninova.

It should be something like this:

Figure 1.3