Student name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Student ID: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Score: \_\_\_\_\_\_ /80 (Please do not fill this field)

|  |
| --- |
| **Note:**  You are allowed to use class materials and all online materials. |

**Project: Working with the course Git Repository on GitHub**

**Time: 5 hours**

**Note: Follow each step and provide commands and screenshots for each step.**

**C:\Users\feftekhari\Downloads\play.png Step 1: Get ready**

* Install Git Shell software on your local computer
* Create your GitHub account

**C:\Users\feftekhari\Downloads\copy.png Step 2: Cloning the repository**

Go to the following link and clone the repository on your local computer:

<https://github.com/farhad85/MasteringGit>

Make Git to create this folder for your local repository on your computer: "MasteringGit-YourStudentID"

**C:\Users\feftekhari\Downloads\advancedsettings (1).png Step 3: Configuration**

Set the configuration file and provide the following items:

* Username
* Email

**C:\Users\feftekhari\Downloads\plus.png Step 4: Adding files and folders**

Add a directory and a file to your local repository in the following path:

Lists\Students\{YourStudentID}\cities.txt

Include list of the cities you like to travel to. Add "Tehran, Iran" to your list to get a plus point!!! ☺

**C:\Users\feftekhari\Downloads\pencil3.png Step 5: Modifying files**

Modify the following file (answers.txt) and include answers for the questions as you can see in the template, and place your content at the end of the file (Do not remove others content), and also in the beginning of the file change the content according to the hints given in the beginning of the file.

** Step 6: Commit the changes**

Commit the changes and include the following message in your commit:

"{Your name}: My favorite cities"

**C:\Users\feftekhari\Downloads\gnome_dialog_question.png Step 7: Status**

Take a screenshot from the status of your repository after running the related command.

**C:\Users\feftekhari\Downloads\list.png Step 8: Log**

Take a screenshot from the log of your repository after running the related command.

**C:\Users\feftekhari\Downloads\arrow_branch.png Step 9: Branches**

Switch to the repository "Stable" branch and switch back to "Master" branch and take screenshots.

**Step 10: Creating a branch**

Create a branch and name it your Student ID, before you send your local changes.

**C:\Users\feftekhari\Downloads\stock_index_up.png Step 11: Push**

Send your local repository changes to our GitHub repository.

**C:\Users\feftekhari\Downloads\arrow_merge.png Step 12: Pull Request**

Create a pull request in GitHub for the teacher to see your changes to approve and include in the repository.

**C:\Users\feftekhari\Downloads\deletered.png Step 13: Ignoring files**

Make your repository to ignore all the files with the following extensions:

* EXE
* PIF
* PSD

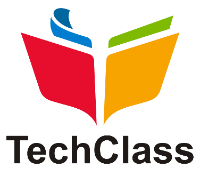
**You need to return this document for your final assessment.**

**Good luck!** ☺ **Farhad Eftekhari**

Copyright © 2016 by Farhad Eftekhari

All rights reserved. No part of this publication may be reproduced, distributed, or transmitted in any form or by any means, including photocopying, recording, or other electronic or mechanical methods, without the prior written permission of the publisher, except in the case of brief quotations embodied in critical reviews and certain other noncommercial uses permitted by copyright law. For permission requests, write to the publisher, addressed “Attention: Permissions Coordinator,” at the address below.

Helsinki Metropolia UAS  
Bulevardi 31  
00079 Heksinki, Finland  
www.techclass.co

  ****