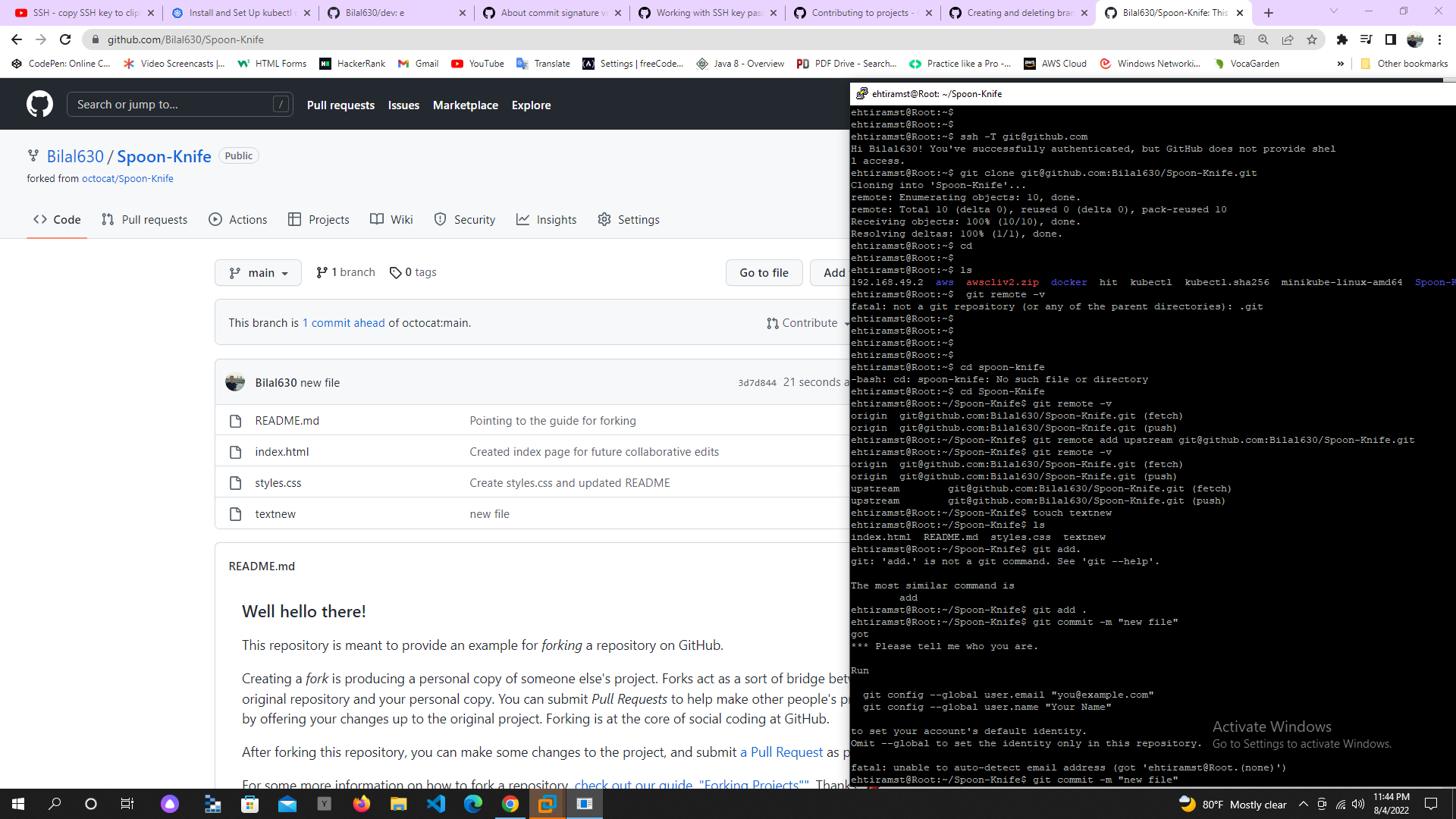
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| **DOCUMENT RULES:** | |
| **Task Number / Name:** | **Task 9 / GitHub** |
| **Task name & column name should be written:** | **Bold (CTRL+B)** |
| **Commands should be written in the after # sign:** | *Italic (CTRL+I) #hostname* |
| **Output photo should be cropped or compressed:**  **Photo could be more than one:**  **If you need extra lines, add the line next after it:** | ***Description photo should be with title bar (CTRL + I + B)*** |
| **All other text should be written:** | Standard |
| **Font name and text size:** | Calibri and 9 |
| **Group name:** | Dev\_ops\_ |
| **Student name and surname:** | Bilal Suleymanli |
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| **WhatsApp number:** | **+994775751462** |

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| **#** | **Task names** | **Command steps and outputs** |
| **1** | 1. **Lab requirements:**   **-We need 1 Ubuntu VM on Desktop Hypervisor with Snapshoot**  **- MobaXterm terminal Client software should access to guest VM** | Ubuntu 18.04 Bionic Beaver mini.iso |
| **2** | 1. **Check status of firewall and take screenshot of the CLI output.** 2. **If firewall is not installed left it as have.** 3. **Give permanent SSH access from.** 4. **SSH virtual port is 22. If SSH server is not installed, please install it.** 5. **To be check connectivity use commands.** 6. **Update the system and application.** | **For instance: start**, **stop**, **enable**, **disable, status**  *# firewall-cmd –state*  #*ping x.x.x.x*  *#telnet x.x.x.x 22*  *#sudo apt-get update* |
|  | 1. **Installation configuration of GitHub Client via two methods. HTTPS and SSH** | [**https://docs.github.com/en/get-started/quickstart/hello-world**](https://docs.github.com/en/get-started/quickstart/hello-world) |
|  | 1. **Generate SSH gey** | $ ssh-keygen -t ed25519 -C [*your\_email@example.com*](mailto:your_email@example.com)  Enter a file in which to save the key (/home/*you*/.ssh/*algorithm*): *[Press enter]*  > Enter passphrase (empty for no passphrase): *[Type a passphrase]*  > Enter same passphrase again: *[Type passphrase again]* |
|  | Start the ssh-agent in the background. | $ eval "$(ssh-agent -s)"  > Agent pid 59566  ssh-add ~/.ssh/id\_ed25519 |
|  | Testing your SSH connection | $ ssh -T git@github.com  # Attempts to ssh to GitHub  Hi *username*! You've successfully authenticated, but GitHub does not  > provide shell access. |
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Graphical user interface, text, application

Description automatically generated