|  |  |
| --- | --- |
| **DOCUMENT RULES:** | |
| **Task Number / Name:** | **Task 10 / 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\_2 |
| **Student name and surname:** | Rüstəm Əfəndiyev |
| **E-mail:** | RustamEf@outlook.com |
| **WhatsApp number:** | **+994506683698** |

|  |  |  |
| --- | --- | --- |
| **#** | **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 of Docker** | **#sudo curl -sSL https://get.docker.com/ | sh** |
|  | Building a Web Page to Serve on Nginx | # |
|  | 1. create a new directory for our website content within our home directory, and move to it | **#mkdir -p ~/docker-nginx/html**  **#cd ~/docker-nginx/html** |
|  | 1. create an HTML file | **#vim index.html** |
|  | Linking the Container to the Local Filesystem |  |
|  | 1. **Making the link:** | **#sudo docker run --name docker-nginx -p 80:80 -d -v ~/docker-nginx/html:/usr/share/nginx/html nginx** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |