GitHub Setup on Linux server using token for https download

For this question we will be creating and using a github account. If you are already familiar with Git and have either a github or gitlab account set up then you can proceed to the "Tasks" section below. Otherwise please follow the instructions here to set up a github account and your local `git` installation.

1. Create an account on github.com

2. Create a personal access token by following the instruction on the github help pages section at this link. Set the expiration of the token to be at least 90 days from now so it will last for the duration of this class (you can choose "no expiration" and delete the token manually later if you wish). Set the scope of the token to be "repo" (this should also check all boxes in the repo section of the page). Save this token in a text file for use later in these instructions. This token is like a password so don't share it anywhere public or others will be able to modify your repos. If you ever think a token has been accessed by someone else, delete the token immediately on your github account.

3. If you don't already have git installed (i.e., `which git` returns nothing) then install it by following the instructions on this page. Note that students using WSL should install using the Ubuntu instructions.

4. Configure your git installation so that you can interact with your github account repositories by running the following commands (substituting the placeholders with your data):

   - `git config --global user.email "<your email>"`
   - `git config --global user.name "<your name>"`
   - `git config --global credential.helper store`

the Token that you created has to be used as your password while cloning or creating your Git repository. The last command will tell git to save your token after the first time you use it so you don't have to enter it again. Don't run the last command if you would prefer to enter your token each time.