**Note:** Using GitHub, we are just sharing the code to others. But using Docker Hub we are sharing the entire platform itself, like VM image. We will share the image and this image will have the OS, software’s and your code. The person who ever wants to use it doesn’t need to have any of the dependent software’s or h/w. He can just check out the image and run/use the program.  
Docker is like a container.

### Repository: A repository is usually used to organize a single project. Repositories can contain folders and files, images, videos, spreadsheets, and data sets – anything your project needs. We recommend including a README, or a file with information about your project. -To create a new repository in Windows: --In the upper right corner, next to your avatar or identicon, click  and then select New repository. --Name your repository hello-world. --Write a short description. --Select Initialize this repository with a README.

**Branch:** Branching is the way to work on different versions of a repository at one time.

By default your repository has one branch named **master** which is considered to be the definitive branch. We use branches to experiment and make edits before committing them to master.

When you create a branch off the **master** branch, **you’re making a copy, or snapshot, of master as it was at that point in time**. If someone else made changes to the master branch while you were working on your branch, you could **pull** in those updates.

Open an account in GitHub

sudo apt-get update  
sudo apt-get install git  
git config --global user.name "sandeeploka"  
git config --global user.email [sandeep11.loka@gmail.com](mailto:sandeep11.loka@gmail.com)