10 QUICK STEPS TO START GIT
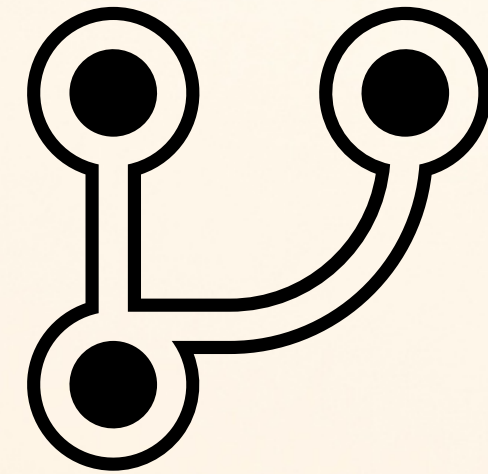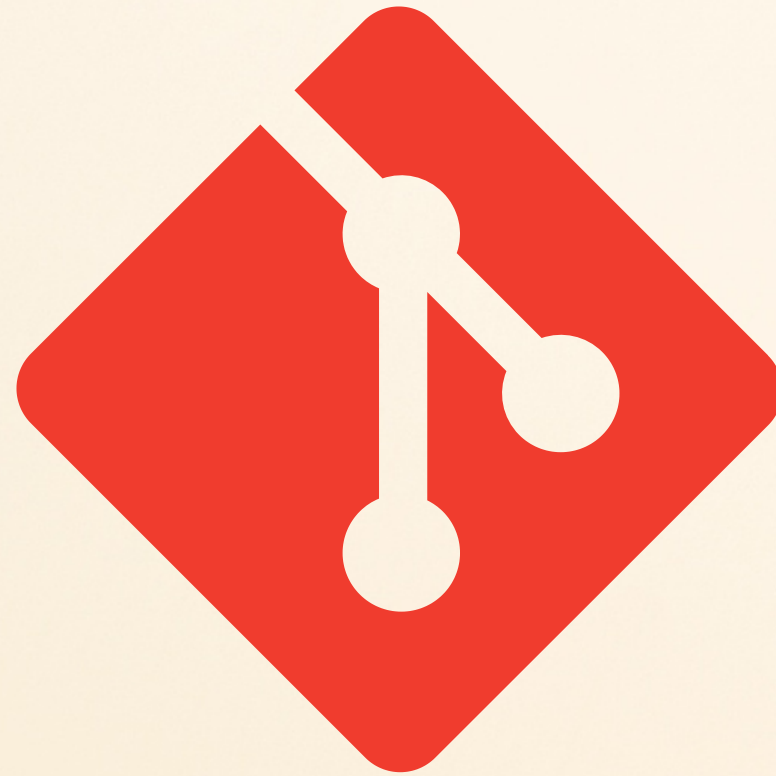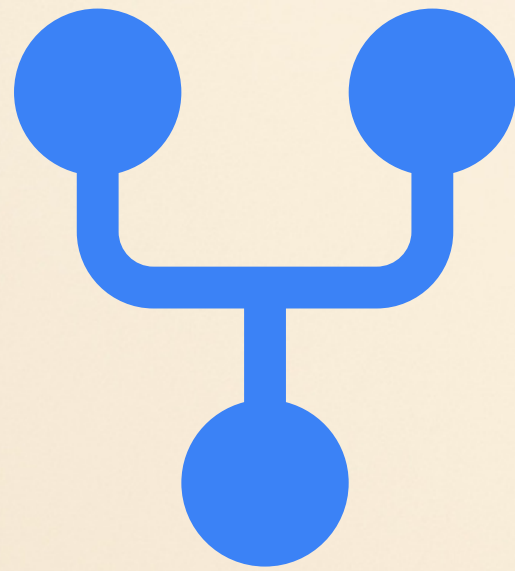
Step 1 : Open Git Bash /Terminal /Command prompt.

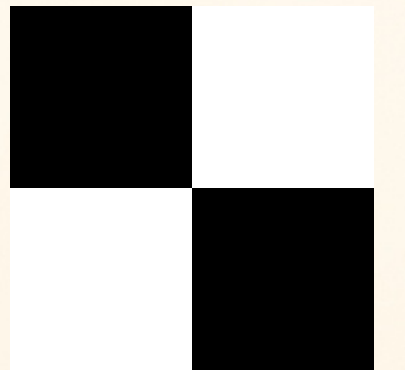**Step 2 : Change the current working directory to your local project.**

Step 3 : Use the init command to initialize the local directory as a Git repository. *"git init"*

```
PS C:\Users\sahil\IdeaProjects\Git-Demo> git init
Initialized empty Git repository in C:/Users/sahil/IdeaProjects/Git-Demo/.git/
```

Step 4 : Use the **config command** to set Git configurations values on the global/local project level. *"git config user.email <email>"*

```
PS C:\Users\sahil\IdeaProjects\Git-Demo> git config user.email "sahil.puri011992@gmail.com"
PS C:\Users\sahil\IdeaProjects\Git-Demo> git config user.name  "Sahil Puri"
```
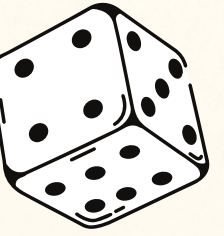
Step 5 : Create a new branch and switch to it. The git checkout command accepts a -b argument that acts as a convenience method which will create the new branch and immediately switch to it. *"git checkout -b <new_branch_name>"*

```
PS C:\Users\sahil\IdeaProjects\Git-Demo> git checkout -b new_branch
Switched to a new branch 'new_branch'
```

Step 6 : Check the **current** branch and list all branches. *"git branch"*

```
PS C:\Users\sahil\IdeaProjects\Git-Demo> git branch
  master
* new_branch
```

Step 7 : **Add the files** in your local repository. **This stages them** for the first commit. Commit the files that you've staged in your local repository. *"git add . "* *"git commit -m <message>"*

```
PS C:\Users\sahil\IdeaProjects\Git-Demo> git add .
PS C:\Users\sahil\IdeaProjects\Git-Demo> git commit -m "First commit"
[master (root-commit) d0974d0] First commit
 8 files changed, 87 insertions(+)
 create mode 100644 .idea/.gitignore
 create mode 100644 .idea/compiler.xml
```

Step 8 : Create a cloud repository on any source code repo hosting service. (Bitbucket / Github / etc.)

Quick setup — if you've done this kind of thing before

Set up in Desktop   or   HTTPS   SSH   https://github.com/SahilPuri2020/Git-Demo.git

Get started by creating a new file or uploading an existing file. We recommend every repository include a README, LICENSE, and .gitignore.

Step 9 : In the Command prompt, add the URL for the remote repository where your local repository will be pushed.

```
Users\sahil\IdeaProjects\Git-Demo> git remote add origin https://github.com/SahilPuri2020/Git-Demo
```

Step 10 : Push the changes in your local repository to Cloud (GitHub.com)

```
PS C:\Users\sahil\IdeaProjects\Git-Demo>  git push --set-upstream origin new_branch
Everything up-to-date
```