

NAME: DHARSAN S

DOMAIN: IAS (DC-OPS)

GitHub

- Create a Repository in GitHub.

The screenshot shows the GitHub 'Create a new repository' page. The browser address bar shows 'github.com/new'. The page title is 'Create a new repository'. Below the title, there is a note: 'A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)'. A note says 'Required fields are marked with an asterisk (*)'. The 'Owner' field is set to 'S-DHARSAN' and the 'Repository name' field is set to 'Training'. There is a green checkmark and text 'Training is available.' below the repository name. A note says 'Great repository names are short and memorable. Need inspiration? How about [sturdy-sniffle](#) ?'. The 'Description (optional)' field is empty. There are two radio buttons for visibility: 'Public' (selected) and 'Private'. Below the radio buttons, there is a note: 'Initialize this repository with:'. There is a checkbox for 'Add a README file' which is unchecked. Below the checkbox, there is a note: 'This is where you can write a long description for your project. [Learn more about READMEs.](#)'. There is a dropdown for 'Add .gitignore' set to 'None'. Below the dropdown, there is a note: 'Choose which files not to track from a list of templates. [Learn more about ignoring files.](#)'. There is a dropdown for 'Choose a license' set to 'None'. Below the dropdown, there is a note: 'A license tells others what they can and can't do with your code. [Learn more about licenses.](#)'. At the bottom, there is a note: 'You are creating a public repository in your personal account.' and a green 'Create repository' button.

- Configure –global username and user email

```
dharsan.shanmuga@Asp1ap1213 MINGW64 /c
$ git config --global user.name "S-DHARSAN"

dharsan.shanmuga@Asp1ap1213 MINGW64 /c
$ git config --global user.email "dharsanpmp@gmail.com"
```

- Type “git init” and it will initialize a .git repository locally.

```
dharsan.shanmuga@Asp1ap1213 MINGW64 /d/Application (master)
$ git init
Reinitialized existing Git repository in D:/Application/.git/
```

- Add Remote Origin.

```
dharsan.shanmuga@Asplap1213 MINGW64 /d/Application (master)
$ git remote add origin https://github.com/S-DHARSAN/Training.git
```

- Create a new branch "git branch Application"

```
dharsan.shanmuga@Asplap1213 MINGW64 /d/Application (master)
$ git branch Application

dharsan.shanmuga@Asplap1213 MINGW64 /d/Application (master)
$ git branch
Application
* master
```

- Switch to new branch "git checkout Application"

```
dharsan.shanmuga@Asplap1213 MINGW64 /d/Application (master)
$ git checkout Application
Switched to branch 'Application'
```

- Type "git add ." command and all your files to commit.

```
dharsan.shanmuga@Asplap1213 MINGW64 /d/Application (Application)
$ git add .
```

- Type 'git commit -m "Message".'

```
dharsan.shanmuga@Asplap1213 MINGW64 /d/Application (Application)
$ git commit -m "consoleApplication"
```

- Type “git push origin Application” to push the code into branch of the repository.

```
dharsan.shanmuga@Asplap1213 MINGW64 /d/Application (Application)
$ git push -u origin Application
Enumerating objects: 15, done.
Counting objects: 100% (15/15), done.
Delta compression using up to 4 threads
Compressing objects: 100% (14/14), done.
Writing objects: 100% (15/15), 11.22 KiB | 5.61 MiB/s, done.
Total 15 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), done.
To https://github.com/S-DHARSAN/Training.git
* [new branch]      Application -> Application
branch 'Application' set up to track 'origin/Application'.
```

- Pushed files in repository.

The screenshot shows the GitHub interface for a repository named 'Training' by user 'S-DHARSAN'. The repository is public and has 1 branch and 0 tags. The main branch is 'Application'. The file list shows several Python files: __pycache__, Availability.py, Billing.py, Database.py, Home.py, Login.py, Main.py, and SignUp.py, all committed 3 days ago. The right sidebar contains sections for 'About' (no description), 'Activity' (0 stars, 1 watching, 0 forks), 'Releases' (no releases published), 'Packages' (no packages published), and 'Languages'.

File	Commit	Time
__pycache__	main commit	3 days ago
Availability.py	main commit	3 days ago
Billing.py	main commit	3 days ago
Database.py	main commit	3 days ago
Home.py	main commit	3 days ago
Login.py	main commit	3 days ago
Main.py	main commit	3 days ago
SignUp.py	main commit	3 days ago