**Github and Cloud9 setup using Personal Access Token**

Login Github and Create a repository

Graphical user interface, text, application, email

Description automatically generated

Click "Generate token", copy and paste the token in a temporary place

Graphical user interface, text, application

Description automatically generated

Create a new cloud9 environment

A screenshot of a computer

Description automatically generated

Go to Cloud9 terminal and clone the repository

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

Create python envionrment: python3 -m venv env

A screenshot of a computer

Description automatically generated

To activate the envionrment: source env/bin/activate

A screenshot of a computer

Description automatically generated

Create a python file named ex1-print.py and Edit the python file then run the python file for the output

A screenshot of a computer

Description automatically generated

open a new terminal for git to manage the source code)

git add --all

git status

git commit -m "first python code"

git push

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

Go to Github repository to check the changes

A screenshot of a computer

Description automatically generated

In the terminal, install Flask package (library): python3 -m pip install flask

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

In the terminal, run the file: python3 ex2-flask.py

A screenshot of a computer

Description automatically generated

In the git terminal, enter commands and change commit comment to "First Flask example"

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

Create an instruction markdown file

Graphical user interface, text, application, email

Description automatically generated

**Github and Cloud9 setup using SSH**

Create ssh key for git to clone the project “ssh-keygen -t rsa”

A screenshot of a computer

Description automatically generated

Go to github account settings --> SSH and GPG keys --> New SSH key

A screenshot of a computer

Description automatically generated

Paste the public key and enter a title and

A screenshot of a computer

Description automatically generated

Copy the repository URL

A screenshot of a computer

Description automatically generated

Go to Cloud9 terminal and clone the repository “git clone + repository URL”

A screenshot of a computer

Description automatically generated

open a new terminal for git to manage the source code

A screenshot of a computer

Description automatically generated

Go to Github repository to check the changes

A screenshot of a computer

Description automatically generated