

HackKU Beginner's Workshop

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WHAT IS THE PURPOSE OF THE WORKSHOP?

Introduce the newcomers of the hackathon to useful tools and technologies to bootstrap a new cool project you are working on!

LET'S SEE WHAT WE ARE GONNA TALK ABOUT

We will talk about collaborative development, as
in how to use git, GitHub, and a cool web server
using python + JS/HTML/CSS stack

MOTIVATION

There are those times, when you need to work on a project with someone else, or many others. How do you collaborate your code and edits?

WHAT IS GIT?

Git is (the) most popular version control
developers all around the world use to track
changes in their code and work with others

OKAY, BUT WHAT IS GITHUB?

GitHub is an online platform that makes use of git and online collaborations (much much) easier. You would just need to make an account!

LET'S SEE THE DEMO -> GITHUB.COM

Open the command line and type in "git"

WHAT WE DID

- Create a github account
- Create a new github repository
- Clone the repository and add files
- Finally, push the new file

WHAT IS PYTHON?

Shiny cool functional scripting powerful dynamic
garbage-collected almost-lazy packaged
programming language that (many) love

MOTIVATION FOR A SERVER

You would want your code to communicate with the outside world, like webpages and websites. How do you do that?

WEB SERVER

Web server is an application capable of talking to the internet and receiving data back from it.

Any website you open is hosted on a web server!

HOW TO DO IT IN PYTHON?

Python has an (amazing) package called Flask,
which allows webserver development super fast
and comfortable!

HOW DO I DO THAT?

Let's jump straight to the demo and get started!

THANK YOU

Let's have a questions session