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# Preparation for Python Beginners Workshop

Slides by Marie Dedicova and Ines Gütt 2017

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# Plan for the evening

1. **Get your Laptops ready!**
  - a. Install Python
  - b. Install Editor
  
2. **Git & GitHub**
  - a. Github account
  - b. Install Github Desktop
  - c. Create Repository
  - d. Push

The logo for 'pyladies' is written in a vibrant pink, cursive script. The letters are fluid and connected, with a slight shadow or outline effect that gives it a three-dimensional appearance. The 'p' is particularly large and stylized, anchoring the word.



1. If you got stuck: **Please ask!**
2. If you don't get something: **Please ask!**
3. If you need something: **Please ask!**

Have fun and be excellent to each other!

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# Find your group to start with the Set up

If possible: Group by operating system

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# Install: Python 3, a code editor and Github Desktop

Find all links at:

[github.com/id-gue/PyLadiesWorkshop](https://github.com/id-gue/PyLadiesWorkshop)

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What is:

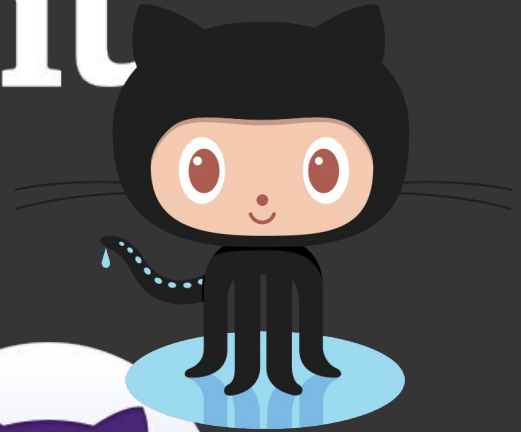
Git?

GitHub?

GitHub Desktop?



git



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**Git** Version control system  
for tracking changes  
in computer files



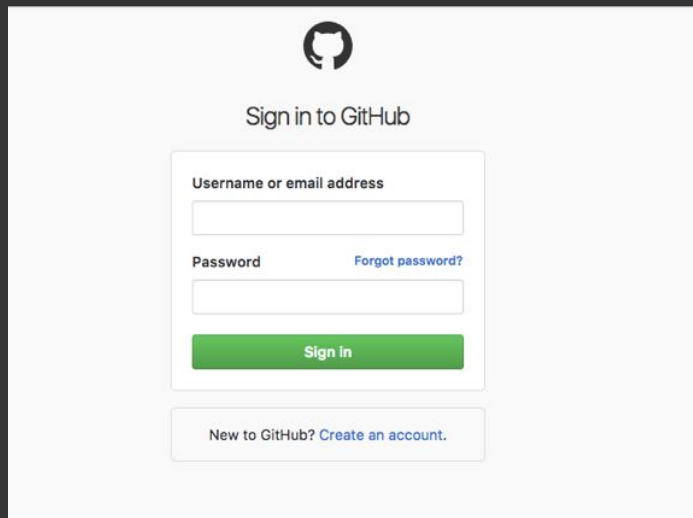
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# GitHub website & hosting service for git stuff





# Create an account on: github.com



The image shows the GitHub sign-in page. At the top is the GitHub logo. Below it is the text "Sign in to GitHub". There are two input fields: "Username or email address" and "Password". Below the password field is a link "Forgot password?". A green "Sign in" button is below the fields. At the bottom, there is a link "New to GitHub? Create an account."

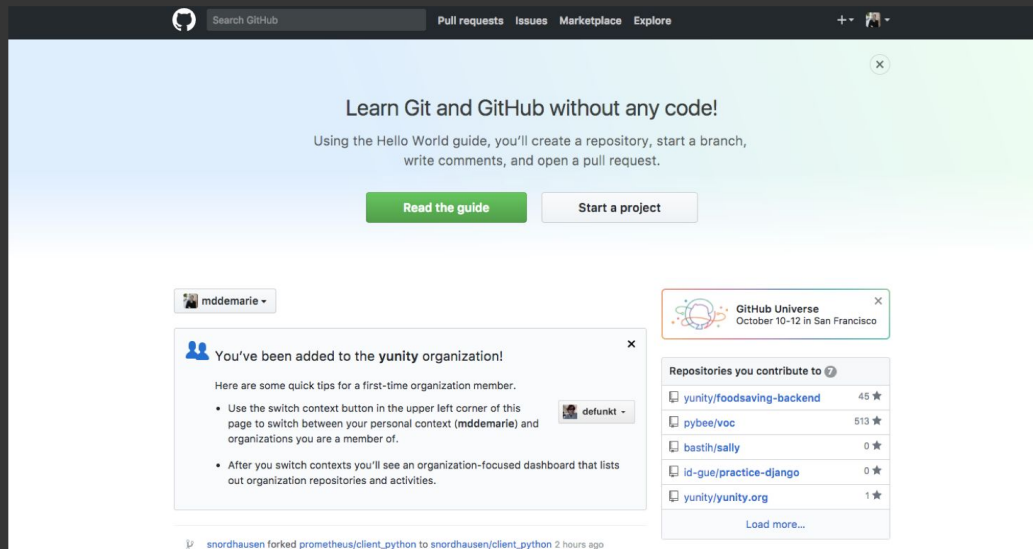
Sign in to GitHub

Username or email address

Password [Forgot password?](#)

Sign in

New to GitHub? [Create an account.](#)



The image shows the GitHub home page. At the top is a navigation bar with the GitHub logo, a search bar, and links for "Pull requests", "Issues", "Marketplace", and "Explore". Below the navigation bar is a large blue banner with the text "Learn Git and GitHub without any code!" and "Using the Hello World guide, you'll create a repository, start a branch, write comments, and open a pull request." There are two buttons: "Read the guide" and "Start a project". Below the banner is a section for the user "mddemarie". It includes a notification "You've been added to the yunity organization!" with some tips. To the right is a section "Repositories you contribute to" with a list of repositories and their star counts.

Search GitHub

Pull requests Issues Marketplace Explore

Learn Git and GitHub without any code!

Using the Hello World guide, you'll create a repository, start a branch, write comments, and open a pull request.

Read the guide Start a project

mddemarie

You've been added to the yunity organization!

Here are some quick tips for a first-time organization member.

- Use the switch context button in the upper left corner of this page to switch between your personal context (mddemarie) and organizations you are a member of.
- After you switch contexts you'll see an organization-focused dashboard that lists out organization repositories and activities.

defunkt

GitHub Universe  
October 10-12 in San Francisco

Repositories you contribute to

yunity/foodsaving-backend	45 ★
pybee/voc	513 ★
bastih/sally	0 ★
id-gue/practice-django	0 ★
yunity/yunity.org	1 ★

Load more...

snordhausen forked prometheus/client\_python to snordhausen/client\_python 2 hours ago

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What is:

**Repository** [folder]

**Commit** [changes]

**Push** [upload]

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**GitHub Desktop** Software  
for first steps in git/github,  
visualizes code changes




Current Repository  
PyLadiesWorkshop


Current Branch  
master


Fetch origin  
Last fetched a minute ago


Changes


History


fixed typo  
an hour ago by Ines Dorian Gütt


added links to readme  
an hour ago by Ines Dorian Gütt


changed git slides  
2 hours ago by Ines Dorian Gütt


added slide about string formatti...  
16 hours ago by Ines Dorian Gütt


add installation party presentation  
17 hours ago by mddemarie


add new slides for Workshop  
21 hours ago by Ines Dorian Gütt

added tasks and two code examp..  
21 hours ago by Ines Dorian Gütt


bank\_room function checks now ...  
4 days ago by Ines Dorian Gütt


created three tasks for the works...  
4 days ago by Ines Dorian Gütt


added link to meetup  
4 days ago by Ines Dorian Gütt

first commit  
4 days ago by Ines Dorian Gütt

bank\_room function checks now for type first

Ines Dorian Gütt

49df2c5

1 changed file

task\_3\_function.py

1515

1616

1717

1818

1919

2020

2121

2222

2326

2427

2528

@@ -15,11 +15,14 @@ def bank\_room():

choice = input("This room is full of money. How many bank note bundle

- if int(choice) > 0 and int(choice) < 50:

- print("Nice, you're not greedy, you win!")

- exit(0)

- elif int(choice) > 50:

- dead("You greedy bastard!")

+ if choice.isdigit():

+ if int(choice) > 0 and int(choice) < 50:

+ print("Nice, you're not greedy, you win!")

+ exit(0)

+ elif int(choice) > 50:

+ dead("You greedy bastard!")

else:

dead("Man, learn to type a number.")

# Create a new Repository in Github Desktop



Create a New Repository

Name

PyWorkshop

Description

Local Path

/Users/gue/Desktop

Choose...

☒ Initialize this repository with a README

Git Ignore

None

License

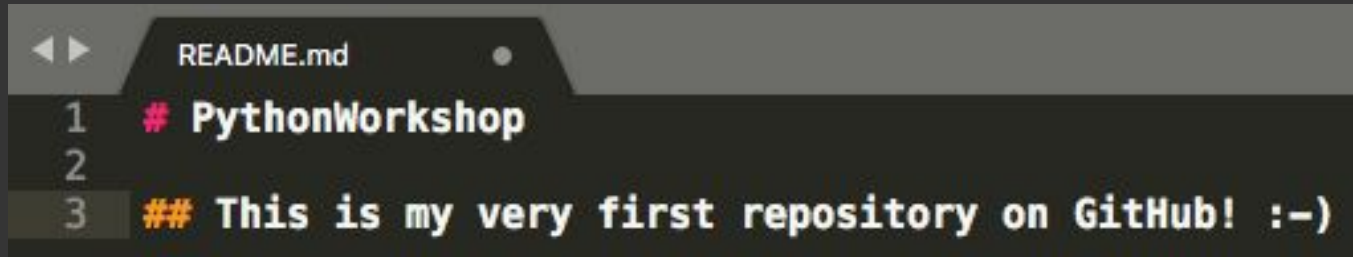
None

Cancel

Create Repository

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Open your new README.me  
in your code editor, **add  
some text and save it.**



```
◀ ▶ README.md
1  # PythonWorkshop
2
3  ## This is my very first repository on GitHub! :-)
```

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# Commit! Push!

## And find it on [github.com](https://github.com)!



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# Congrats! You made your first commit!!!

See you tomorrow at 10:00 am. \o/  
Thanks to all of our great coaches!!!

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# Plan for the tomorrow

1. Intro
2. First Steps in Python
3. Write your own game

Lunch!

4. Some more basics
5. Improve your game
6. What's next

The logo for 'pyladies' is written in a vibrant red, cursive script. The letters are fluid and connected, with a slight shadow or outline effect that gives it a three-dimensional appearance. The 'p' is particularly large and stylized, starting the word. The overall style is modern and feminine, fitting for a community focused on women in Python.