Advanced Programming

Mojtaba Aajami

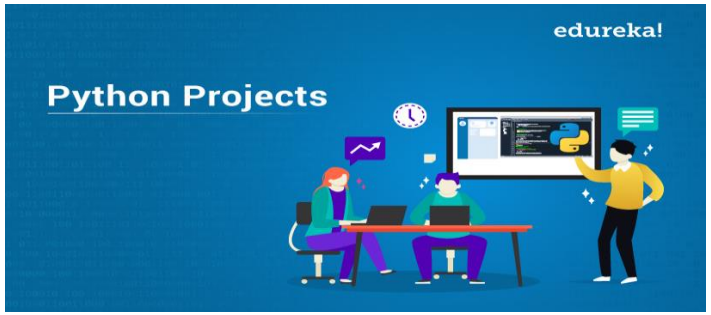
Assistant Professor

https://github.com/mojtaba732/AP

Grading

- Home works: 35%

- Term Project: 25 %



- Final Exam: 40%

Rules

- Under no circumstances call me or send me messages on messengers!

- Each homework's due date is the next week.
  - Delayed HW will not be accepted (No exception)
  - Not sending HW 2 times ➔ You fail (Unnoticed)

- if absent classes > 3:

  You fail (Unnoticed)

- With the exception of 1st session, You can not be late.

Rules

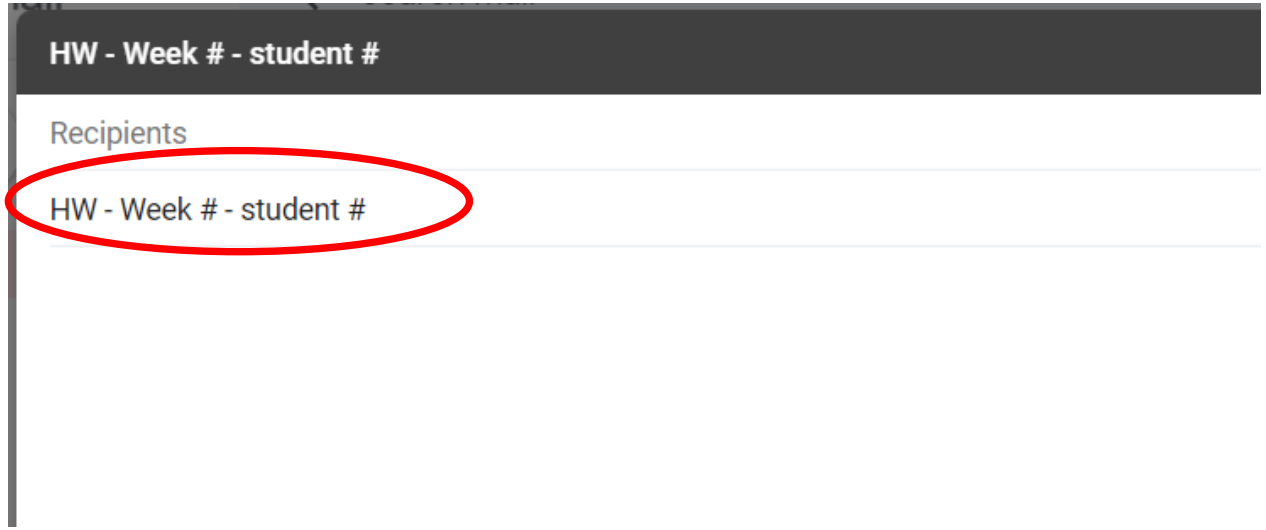
- If your final exam grade is less than 35% you will fail!
- The due date of the final project is the last week of the semester.
- No team project only solo!

Rules

- Checking your mobile phone for any reason is forbidden!
- Hold back your sense of humor!
- You must stay completely silent unless you ask me a question.

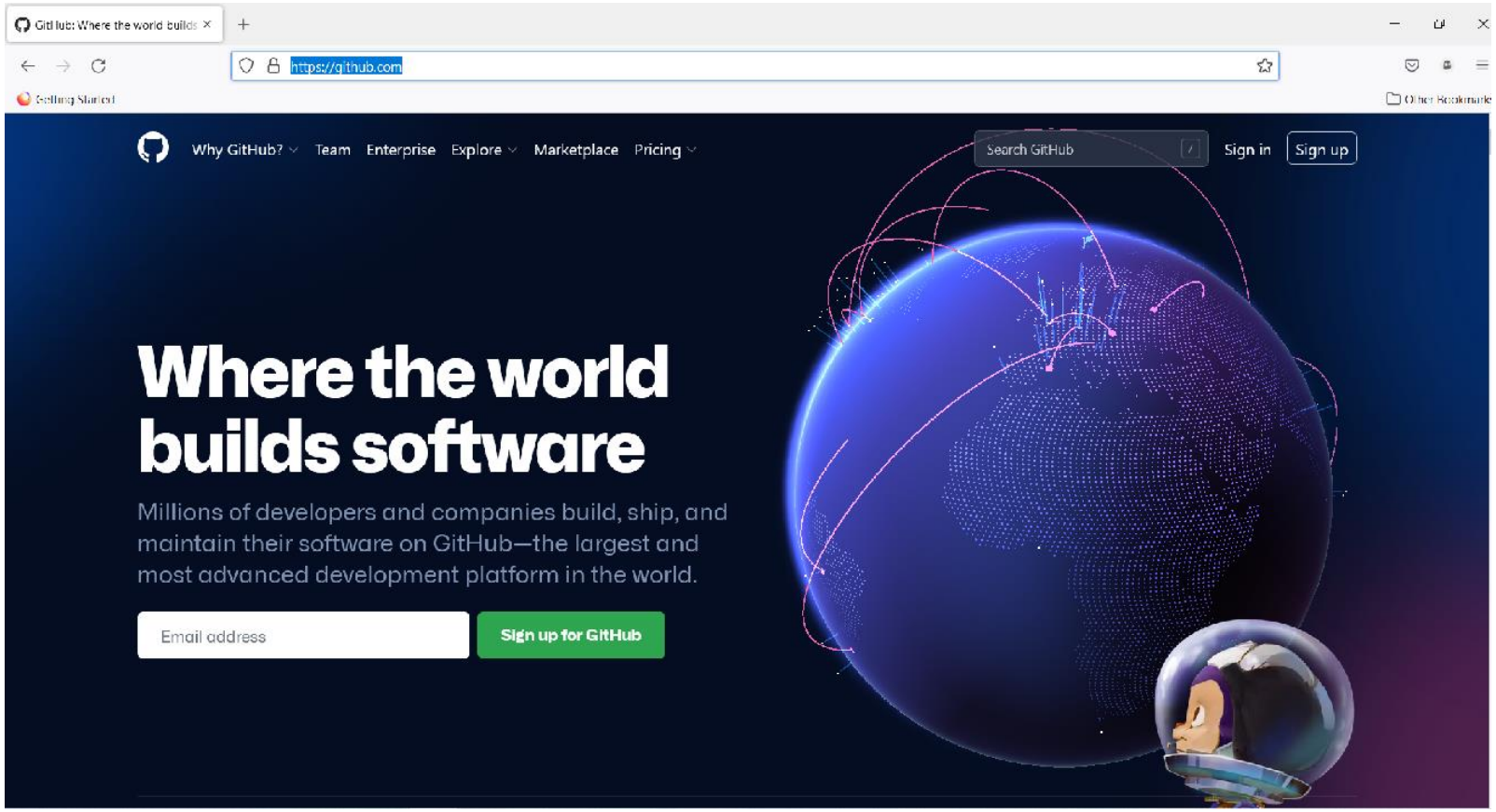
How Send My HW to TA?

- If you are a girl➔ saminansari98@gmail.com
- If you are a boy and student#%2==0 ➔ a.soozism@gmail.com
- If you are a boy and student#%1==2 ➔ amirhosseinnourifard@gmail.com



How Send My HW to TA?

- Just send the GitHub link of your HWs



Main Reference

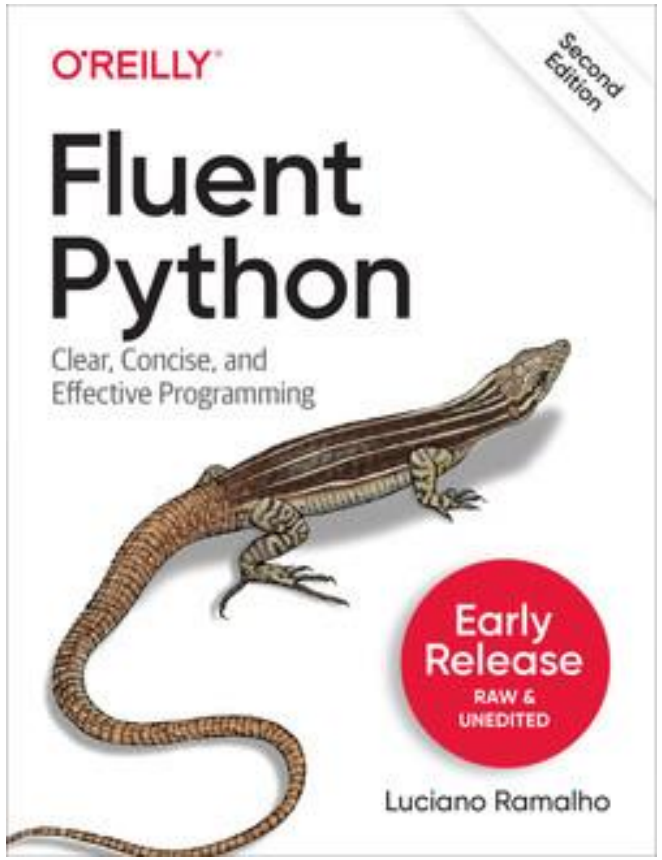
Fundamentals of Programming Python

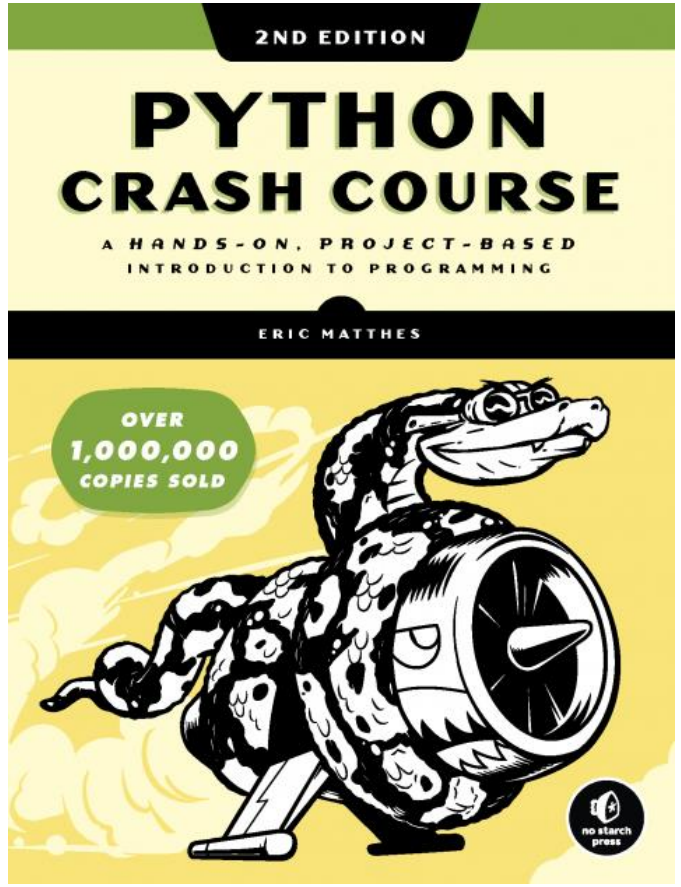
By: Richard L. Halterman

(September 29, 2019)

Download link : https://cs.appstate.edu/~rmp/cs2435/pythonbook.pdf

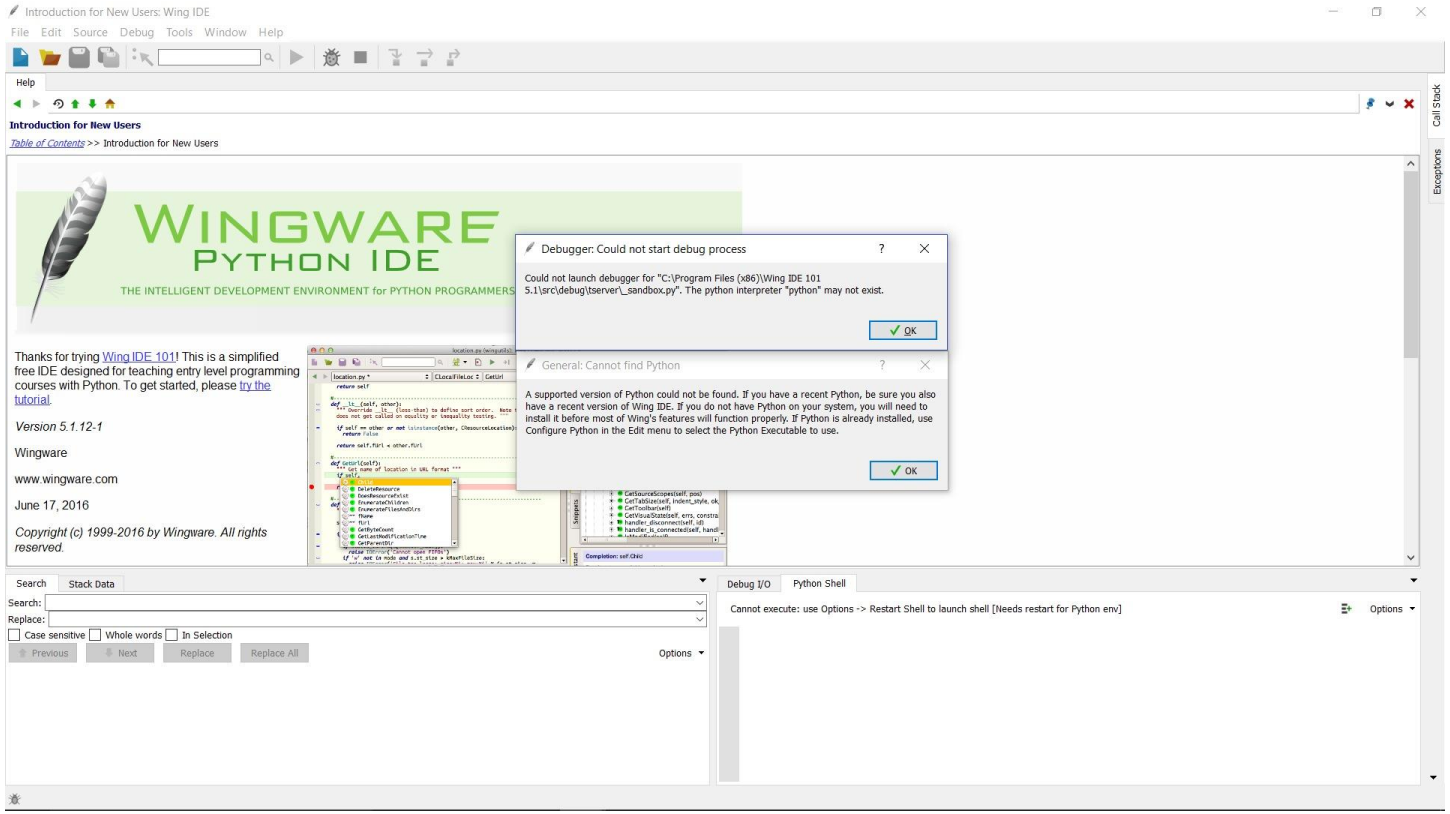
Other resources





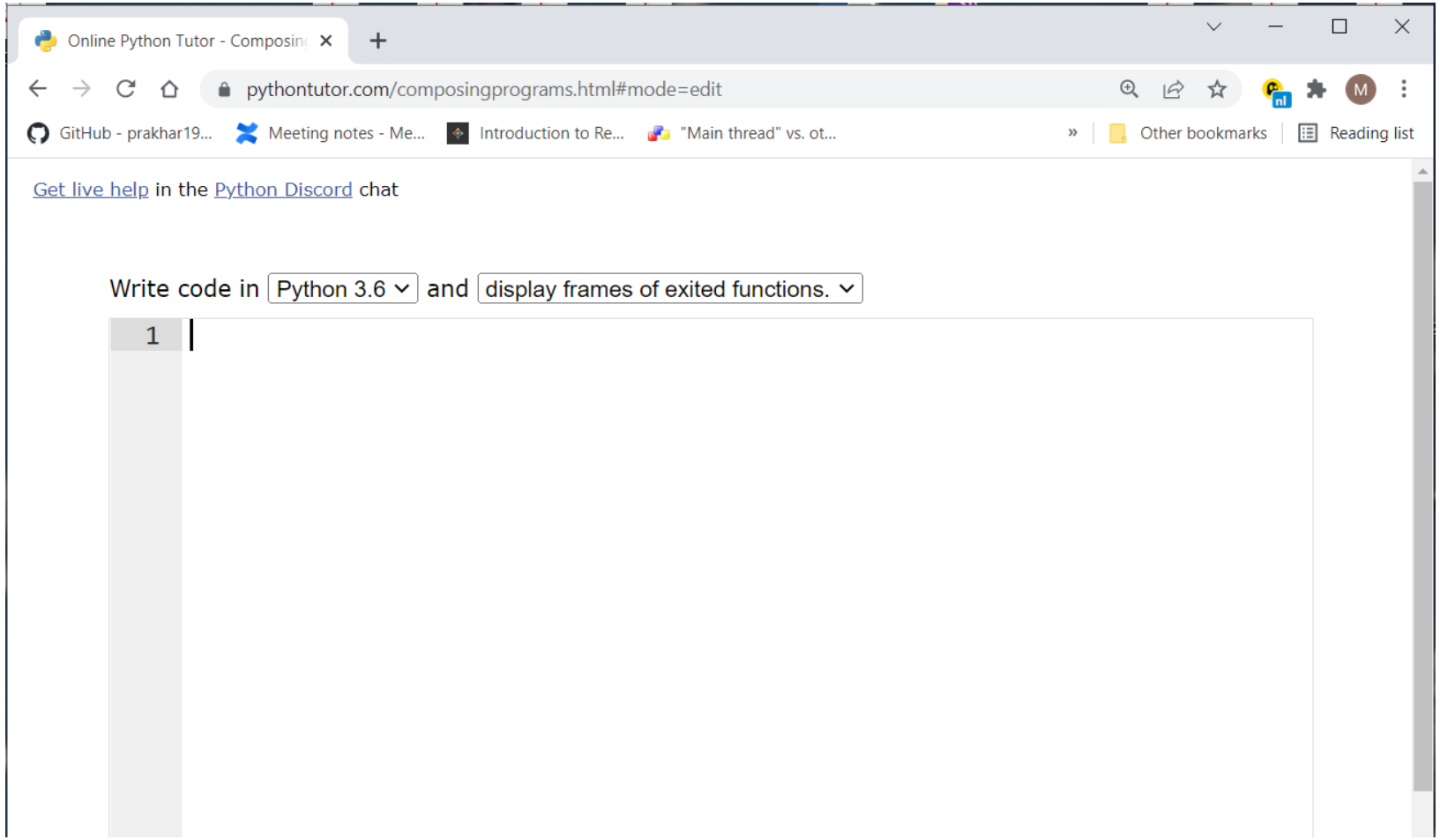
Programming Environment

WingIDE 101



Download link :
https://www.wingware.com/downloads/wing-101/6.0.12.1

Programming Environment



https://pythontutor.com/composingprograms.html#mode=edit

History of Python

Guido van Rossum
BDFL

Python 1: 1994

Python 2: 2000

Python 3: 2008

Programmers are more important than programs

“Hello World” in Java

```
public class HelloWorld {
    public static void main(String[] args) {
        System.out.println("Hello World!");
    }
}
```

Yuck

“Hello World” in C++

```
#include <iostream>
using namespace std;

int main() {
    cout << "Hello World!" << endl;
}
```

Double Yuck

“Hello World” in Python

```
print("Hello world!")
```

Python in Business