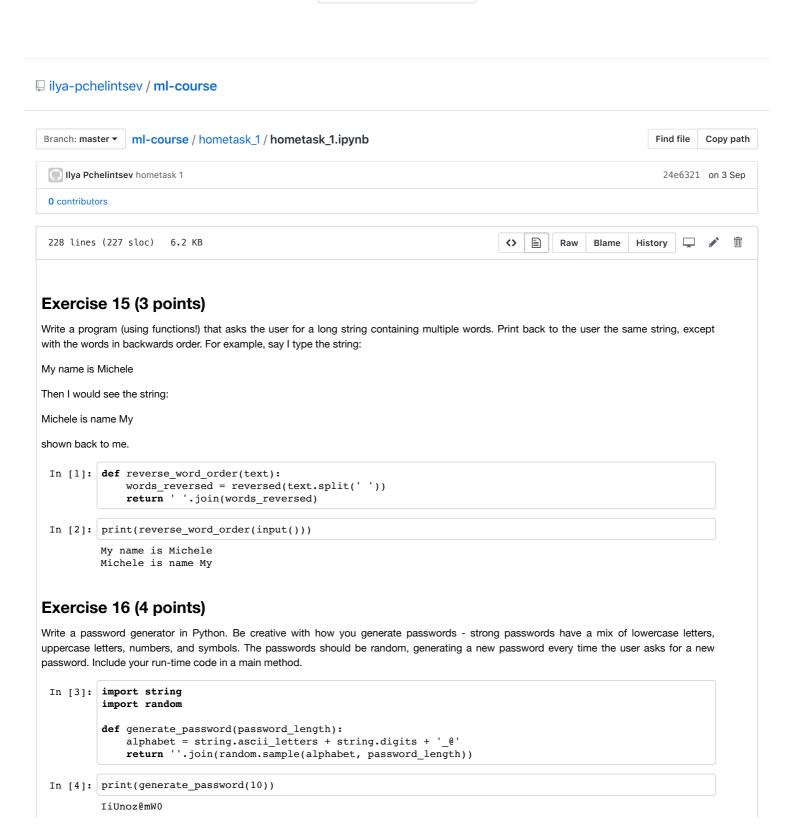


## Learn Git and GitHub without any code!

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

Read the guide



## **Exercise 17 (4 points)**

Use the BeautifulSoup and requests Python packages to print out a list of all the article titles on the New York Times homepage.

```
In [5]: import bs4
        import requests
        def print_nytimes_headlines():
            request = requests.get('http://www.nytimes.com/')
            soup = bs4.BeautifulSoup(request.text)
            for title in soup.find_all('h2', attrs={'class': 'esl82me0'}):
                print(title.text)
In [6]: print_nytimes_headlines()
        Listen: 'Modern Love' Podcast
        'In Her Words'
        Got a confidential news tip?
        Hurricane Dorian Slams Into Bahamas and Menaces Florida
        Scenes of Destruction Emerge From Bahamas
        Along a Tortured Path, Millions Are United in Fear
        Dozens Missing Following Boat Fire in Southern California, Officials Say
        U.S. Officials at Odds Over C.I.A.'s Role in Afghanistan
        Texas Shooting Brings New Urgency to Gun Debate in Congress
        Shooting Spree in West Texas Terrorized Two Towns and Killed 7
        On the Job, 24 Hours a Day, 27 Days a Month
        Does Biden Want to Be Doing This?
        Why Some Unions Are Holding Back on 2020 Endorsements
        Those Hurricane Maps Don't Mean What You Think They Mean
        One Job Is Better Than Two
        One Job Is Better Than Two
        Texas Is a Leader in Mass Shootings. Why Is the Governor Silent?
        A Change Is Gonna Come
        The El Paso Shooting Was Racist Political Violence. Treat It That Way.
        The El Paso Shooting Was Racist, Political Violence. Treat It That Way.
        The Dignity of Disabled Lives
        How We Frame Disability Decides How We Live It
        That Beloved Hospital? It's Driving Up Health Care Costs
        No One Threatens the Environment Like Donald Trump
        The People of Hong Kong Will Not Be Cowed by China
        The Police Can Arrest Us. But That Won't Stop the People of Hong Kong.
        Mom and Dad, It's My (Digital) Life
        What I Know About Famous Men's Penises
        'The Weekly': How Tainted Gold May Be in Your Phone
        The Chefs Pushing Japanese Food in Unexpected Directions
        Summer's Not Over! How to Extend Your Vacation
```

## Exercise 28 (1 point)

Implement a function that takes as input three variables, and returns the largest of the three. Do this without using the Python max() function!

The goal of this exercise is to think about some internals that Python normally takes care of for us. All you need is some variables and if statements!

```
In [7]: def max3(a, b, c):
    if a >= b and a >= c:
        return a
    elif b >= c:
        return b
    return c
In [8]: print(max3(3, 4, 1))
```