

CompSci 101 Introduction Live Lecture

CompSci 101 Calendar

Home About Dates Labs Assign APTs Help Forms Resources Piazza Sakai

All materials we use in class are accessible via this page.
Information about grading and course logistics.

January 18-22 Week

	Monday 1/18 MLK Day	Tuesday 1/19	Wednesday 1/20	Thursday 1/21 Introduction Video 1 Video 2 Video 3 No Reading Quiz (RQ)	Friday 1/22
PRE- WORK					
LECTURE LAB				First Lecture Lab 0 Links • Link 0 • Link 1 • Link 2	
ASSIGNMENTS APTS DUE				Assign 0 out	

Susan Rodger
Nicki Washington
January 21, 2021

1/21/20

CompSci 101, Spring 2021

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Sea turtles hatching

- <https://www.youtube.com/watch?v=sZYd0-egqbc>



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CompSci 101 Professors



Prof. Nicki Washington



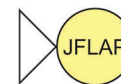
Prof. Susan Rodger

08/17/20

CompSci 101, Fall 2020

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About Prof. Rodger



- PhD Computer Science, Purdue
- BS CS and Math, NCSU
- Research in Computer Science Education
 - build tools to help learn computer science
 - Integrate computing into K12

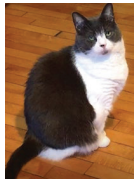


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Fun things About Prof. Rodger



How do you keep your sanity?

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What you will be able to do: Process files

President Biden's Inauguration Speech transcript

Chief Justice Roberts, Vice President Harris. Speaker Pelosi, Leader Schumer, McConnell, Vice President Pence, my distinguished guests and my fellow Americans, this is America's day.

This is democracy's day. A day of history and hope of renewal and resolve through a crucible for the ages. America has been tested anew and America has risen to the challenge. Today, we celebrate the triumph not of a candidate, but of a cause, the cause of democracy. The people, the will of the people, has been heard and the will of the people has been heeded.

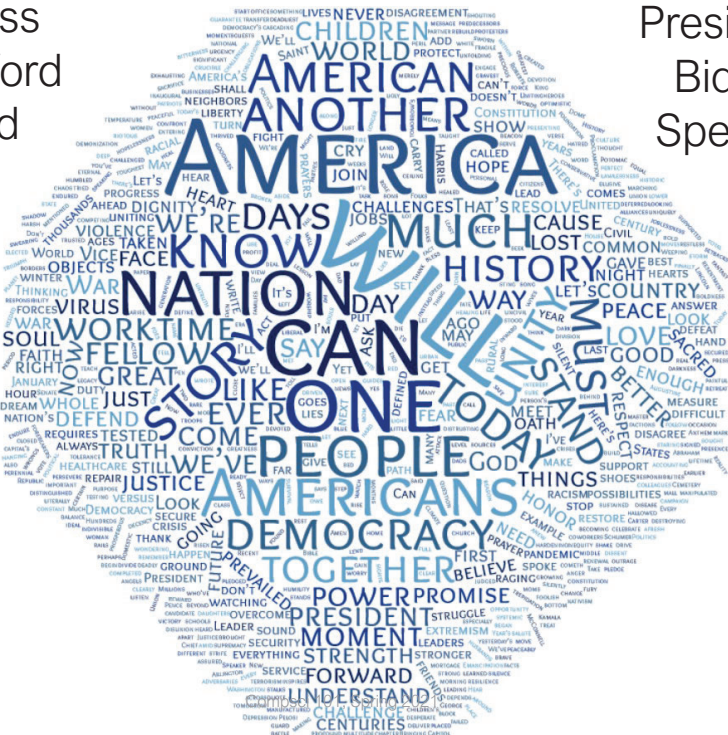
We've learned again that democracy is precious. Democracy is fragile. At this hour, my friends, democracy has prevailed.

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Process files: Word Cloud

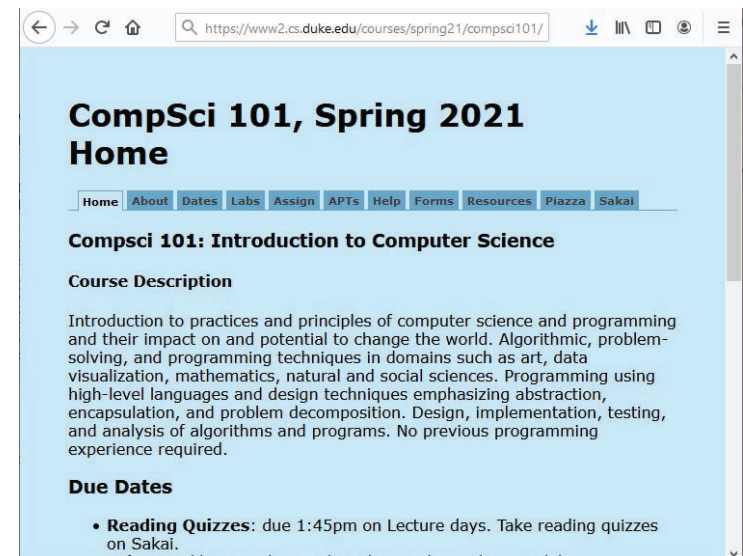
President Biden Speech



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Go over CompSci 101 webpages



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What will this course be like?

- Practice programming a lot!
 - You will write code all the time!
 - In the online textbook – code boxes
 - Small and large assignments due!
 - Weekly labs
- Important to stay caught up
- Lots of help along the way:
 - Consulting hours: UTAs
 - Office hours: Professors, Grad TAs
 - Piazza – post anonymous questions

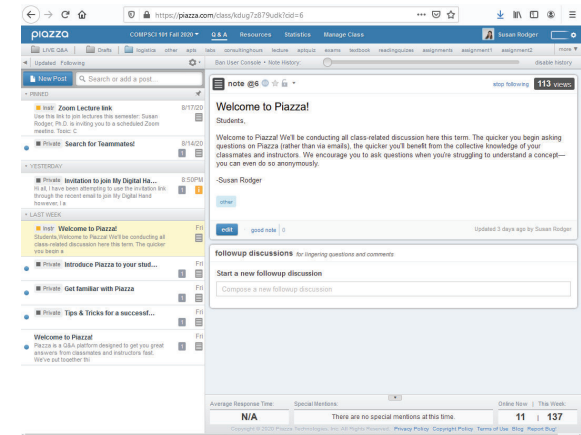
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Questions?

- Don't send us email!!!!!!!!!!!!!!
- Post your questions on Piazza
 - We will answer them there!
 - You should try to answer them too
 - Want to be a UTA one day? Answer questions!



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WOTO1: What is Computer Science?

<http://bit.ly/101s21-0121-1>

- What is WOTO?
 - Working Together
 - Breakout room – random groups
 - Introduce yourself, discuss and answer questions together
 - Each person fills out a WOTO form
 - Include email, name and netid

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About Prof. Washington



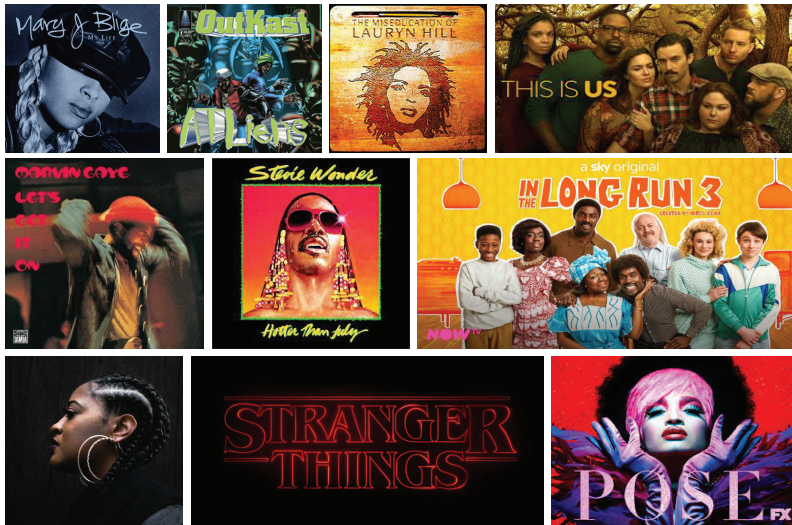
- MS & PhD Computer Science, NCSU
- BS Johnson C. Smith University
- Durham, NC native
- Research
 - Identity in computing
 - Race, gender, sexuality, ability, class

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Things Prof. Washington Enjoys



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Who are you?

- Who's enrolled in CompSci 101 this semester?
 - Do you recognize yourself?
 - Is there a stereotypical CompSci 101 student?
 - Is there a stereotypical computer scientist?
- You DO NOT need prior programming experience to succeed!!

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WOTO2: bit.ly/101s21-0121-2

- Can you find an example of CS in each of these industries?
 1. Music
 2. Healthcare
 3. Sports
 4. Arts

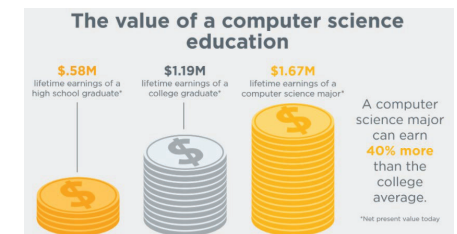
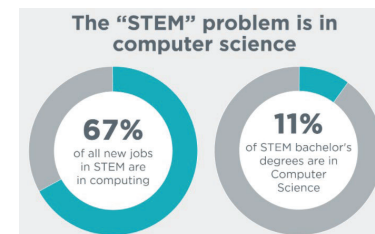
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There's still a long way to go

Source: Code.org



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- "Hello World"
- Scratch Program
- Colors
 - Duke blue: motion
 - Mustard: control
 - Light blue: sensing
 - Orange: data
 - Purple: looks

WOTO3:
<http://bit.ly/101s21-0121-3>

Analyze this Scratch Program?

Scratch Program

- If you want to experiment with this scratch program, here is the link:

<https://scratch.mit.edu/projects/472644306>

Why is it called Python?

Guido van Rossum



A: Monty Python show



B: Python snake



Questions?