CSC 116

Exam 1 Review

Gina Bai

Logistics

CSC116 (051) - Midterm Exam 1 - 110 min

- The exam will be **open textbook, open notes.** *You are not allowed to use any other external resources* (resources that were not provided in the course).
- You will have **110 minutes once you begin the exam to complete the exam**. Moodle will display a countdown timer and close/submit your exam after 110 minutes.
- You can begin the exam anytime starting at the scheduled time (see the course calendar), but the 110 minute timer starts once you have opened the exam activity.
- You must **complete/submit the exam before the stated exam deadline** (June 8th, 11:59pm).
- **You have only 1 attempt to complete the exam, so double-check your responses and check for any typing mistakes before you submit your exam!**
- Collaboration between students is forbidden on this exam. **The exam must be taken completely alone.** Showing it or discussing it with anyone is forbidden.
- If there are any technical issues while you are completing the exam, you are required to notify your instructor **immediately** by email (rbai2@ncsu.edu *AND* pwmcgehe@ncsu.edu) to clearly describe what happened. We *will not* provide any accommodations for any technical issues that are reported after the exam period has ended.
- If you violate the University Code of Conduct during the exam, you will receive a grade sanction and will be reported to the Office of Student Conduct.

- June 8th, 12AM – 11:59PM

- 110 minutes

  + Set a timer for yourself

  + Moodle will display a countdown timer and close/submit your exam after 110 minutes

- via Moodle

  + **Attempts allowed: 1**

- Open textbook, Open notes.

  + *You are not allowed to use any other external resources.*

Preparing for Exam 1

- Review the learning objectives

  + Exam 1 Study Guide – learning Objectives

- Review the lecture videos and slides

  + If you do not fully understand a topic, read the related textbook section

  + Attend office hours to ask additional questions/clarifications

    • Monday, 12 – 2pm

- Review (and possibly rewrite) the lab exercises

- Complete the homework 1

Technical Issue? Emergency?

If there are any technical issues while you are completing the exam, you are required to notify your instructor **immediately** by email to clearly describe what happened.

We will NOT provide any accommodations for any technical issues that are reported after the exam period has ended.

Practice

Midterm Exam 1 (Lectures 1 - 6, zyBook Chapters 1 - 4)

- Exam Review - 06/03/2021
- Exame Date - 06/08/2021

📄 Exam 1 Study Guide - Learning Objectives

✋ Homework1 (zyBook) due 06/08/2021 at 2:00pm

Complete the zyBook challenge activities from Chapter 1 - 4

✅ Exam 1 - in-Class Practice

✅ CSC116 (051) - Midterm Exam 1 - 110 min

Exam 1 - in-Class Practice

Attempts allowed: 1

The quiz will not be available until Thursday, June 3, 2021, 3:20 PM

This quiz will close on Thursday, June 3, 2021, 5:10 PM.

Time limit: 1 hour

Summary of your previous attempts

State		Review
In progress		

Practice

- 12 – 8 * 3 + 5

- 41/ 6 * 3 % 5 + 7.0 / 2 * 2.0

- 89 % 10 / 4 * 4.0 / 5 + (1 + 1.0 / 2) * 2

Practice

Q: Give the values of a, b, c, d, and e at the end of the code segment below.

double a = 23.3;
int b = 12;
double c = 99.0;
int d = 17;
String e = ”Wolfpack!”;
b = b – 1;
a = b + a;
c = c / b;
d = d + 3;
e = b + 5 + e + a + d;

Practice

String str1 = "Q.E.D.";

String str2 = "Go Wolfpack!";

String str3 = "NC State University";

Q: Given the Strings, find the value of

- str1.length()

- str2.substring (7, 11)

- str2.indexOf ("Wolf")

- str3.substring (3, str3.indexOf("e"))

Practice

Q: Given the following method, what is returned for each of the method calls?

public static int mystery(int a, int b, int c) {

      a = Math.abs(a) % b;
      b = b – 1;
      return b * c + a;

}

mystery(-5, 10, 3)

mystery(7, 3, -3)

What else to expect...

- Vocabulary & Definition

- Write short programs

- Find and fix program errors

- …