

University of California, Los Angeles

October 25th, 2021

PIC 10A: Introduction to Programming

Fall 2021, Section 3

Instructor: Minh Pham

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## Gradescope demonstration

Read all of the following information before starting the exam:

1. The test is open book, open note, open Visual Studio 2019, **but not open internet.**
2. Please write your solutions in the space below the questions; INDICATE if you go over the page and/or use scrap paper.
3. Do not spend too much time on any one problem. Read them all through first and attack them in
4. the order that allows you to make the most progress.
5. This test has 3 questions which are worth 4 points.

Statement of Academic Honesty:

For this exam, I make the following truthful statements:

- I have not received, I have not given, nor will I give or receive, any assistance to another student taking this exam, including discussing the exam with students in another section of the course.
- I will not use any non-instructor approved electronic device to assist me on an exam.
- I will not plagiarize someone else's work and turn it in as my own.

By signing below, I declare that this exam represents my own work in accordance with University policy.

Name: Leon Norfleet

Student ID: 305 771 450

Signature: Leon Norfleet

Discussion session: 3D

## Part I: Short answer and multiple choice questions

Q1: Which chapter/section do you enjoy the most so far in this class?

For loops

Q2: What is the hardest chapter/section so far in this class?

5.5 : return in void function



## Part 2: Coding

Q3: Write a piece of code that you love in this class

```
for(int i=0; i<10; i++) {  
    for(int n=0; n<i; n++) {  
        cout << "A";  
    }  
    cout << endl;  
}
```

↑ right triangle  
of A