# CSCI4795 Spring 2022 Cloud Computing PA#2

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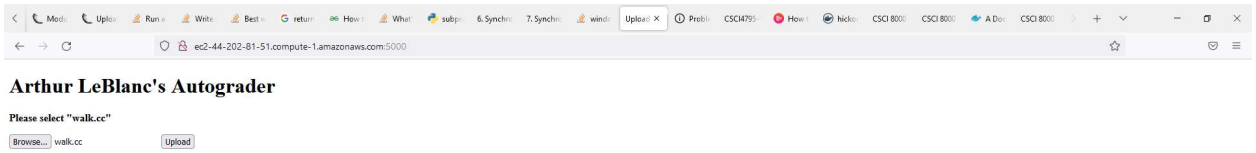
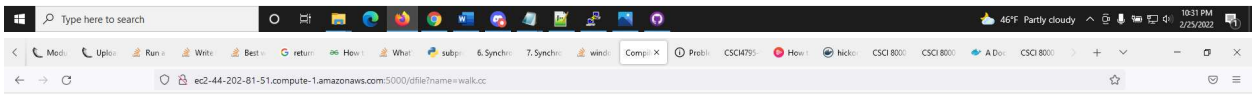
UGA Student ID: ___810056194. Although you're possibly looking for apl65875 instead _____

**Instructions: Fill in your answers to the 3 questions and SUBMIT A PDF to eLC (along with your code)**

1. After completing Part 2 ("Auto-grader basic system"), cut-and-paste three screenshots: [1] the web submission screen, [2] the results screen with correct submission (after your autograder has executed), and [3] the result screen with wrong submission. If you were unable to complete this part, explain how far you were able to get and describe the problem (you were unable to debug).


ec2-44-202-81-51.compute-1.amazonaws.com:5000
Arthur LeBlanc's Autograder
Please select "walk.cc"
Browse...
walk.cc
Upload


Type here to search
46°F Partly cloudy
10:31 PM
2/25/2022
ec2-44-202-81-51.compute-1.amazonaws.com:5000/dfile?name=walk.cc
Graded Details
Score: 2 out of 2 correct. **********Original submission********** #include <iostream> using std::cin; using std::cout; #include <string> using std::string; int main() { string name1,name2; std::cout << "Enter a name:"; getline(std::cin,name1); std::cout << "Enter a name:"; getline(std::cin,name2); std::cout << name1 + " and " + name2 + " went for a walk.\n" ; }


Type here to search
46°F Partly cloudy
10:32 PM
2/25/2022


**Graded Details**

Score: 0 out of 2 correct. **********Original submission********** #include <iostream> using std::cin; using std::cout; #include <string> using std::string; int main() { string name1,name2; std::cout << "Enter a name:"; getline(std::cin,name1); std::cout << "Enter a name:"; getline(std::cin,name2); string message = "went for a walk.\n"; std::cout << " and " + message ; }


Bonus (or just extra things I tried): failed to compile screen


**Graded Details**

Score: 0. Failed to compile.


2. After completing Part 3 (“Docker-based Auto-Grader”), choose one:

____x_____ I **was able** to successfully complete Part 3, “Docker-based Auto-Grader”

_____ I **was unable** to successfully complete Part 3, “Docker-based Auto-Grader”. Here’s what I got stuck on or here’s why I could not complete it (explain, 5 sentences or less):

**ALSO attach this source code file to your eLC submission (ZIP format).**

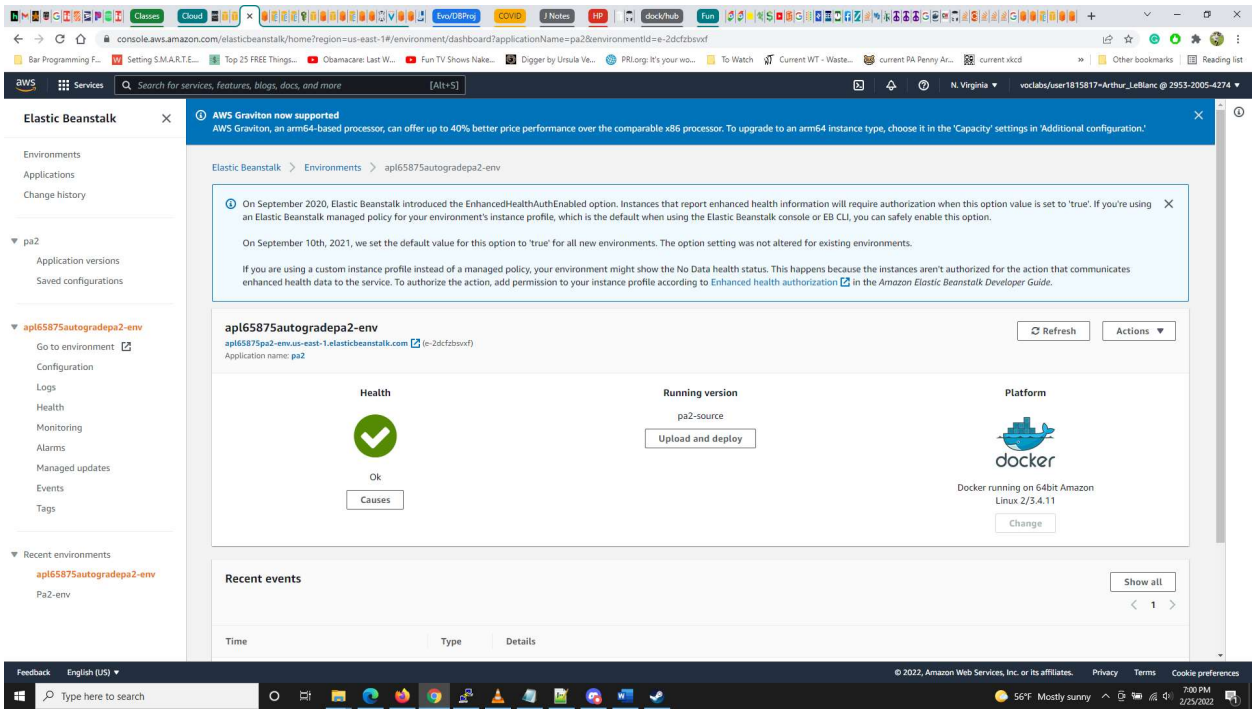
3. After completing Part 4 (“Docker in AWS: Elastic Beanstalk”), choose one:

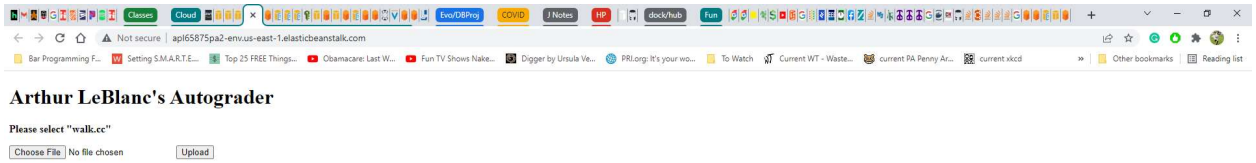
_____x_____ I **was able** to successfully complete Part 4, “Docker in AWS: Elastic Beanstalk”

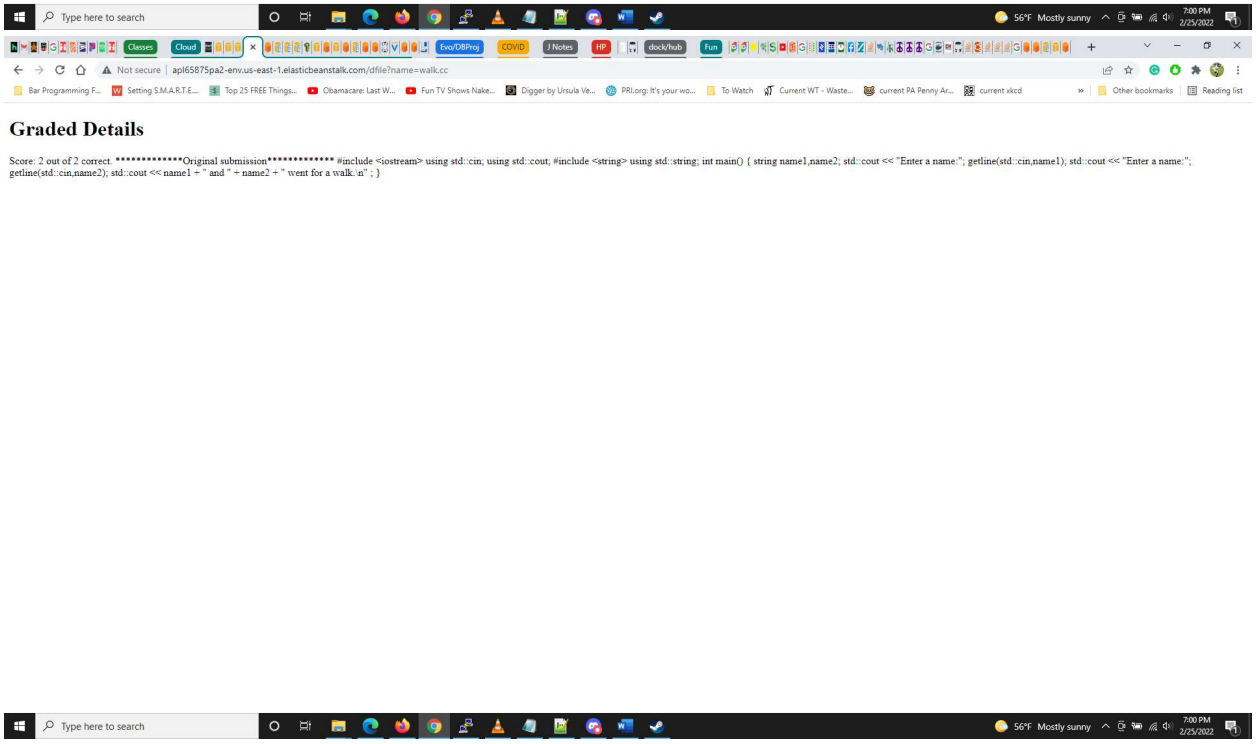
_____ I **was unable** to successfully complete Part 4, “Docker in AWS: Elastic Beanstalk”. Here’s what I got stuck on or here’s why I could not complete it (explain, 5 sentences or less):

**ALSO attach autograder_beanstalk_config.txt to eLC submission (ASCII format)**

If you successfully completed, cut-and-paste [a] the AWS screen of your Elastic Beanstalk “autograde” application screen, [b] the browser page to your Elastic Beanstalk-based student submission portal, and [c] the browser page to your Elastic Beanstalk-based results page (after a student submission has been auto-graded). To receive full credit, URL must be shown in the screenshots.

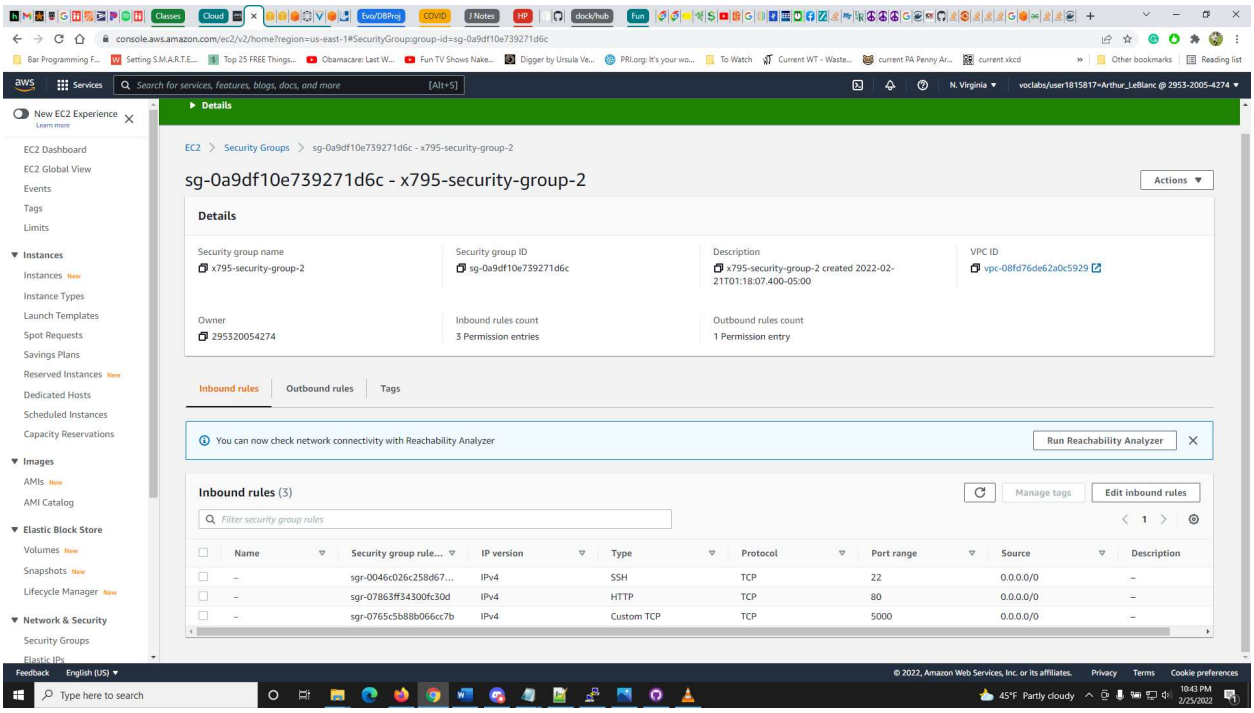





4. Go to AWS console, on the left top of the console page, please select “Service” → “EC2” → “Security Groups on left menu”. Then check the security group used in PA2, click “action (top)” → “edit inbound rules”, and then cut-and-paste a snapshot of the inbound rules. To receive full credit, the security rule should have a minimal number of ports in the inbound rule.

Was unable to remove ONLY flask from port 5000, docker (command docker run -p 80:5000 hickorydock1/dockerpa2) and elastic beanstalk worked on port 80. Second submission much improved on first submission.




**After this question, delete AWS beanstalk application after terminating environment.**