A.I. for Software Testing & Reverse Engineering – CS4110

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Docker Run

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docker run -it CONTAINER_NAME /bin/bash

Copy the RERS problems in the docker container

B E Buggy_RERS_ASTOR.zip

home/str/

F E E H
A E

Build the buggy RERS problem

I A Problem1_buggy
I /home/str

cd /home/str/

Problem1_buggy

J A

(maven pom file)

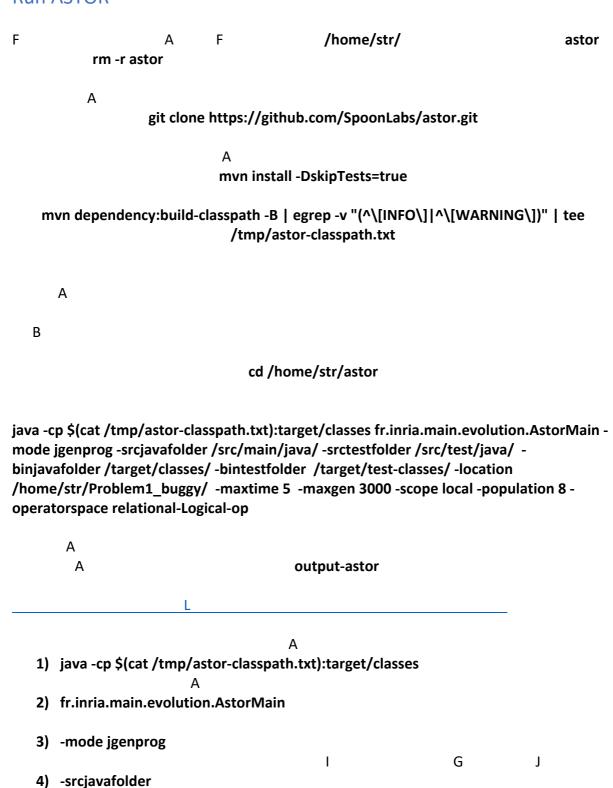
Ε

(contains dependencies to run the test)

(source code of the buggy version of Problem1.java) (it contains the test caseProblem1.java) (it contains the binaries)

cd /home/str/Problem1_buggy mvn clean mvn install -DskipTests

Run ASTOR



	5) -srctest	folder			
	6) -binjava	afolder			
	7) -bintest	folder			
	8) -locatio	n		1	
	9) -maxtin	ne	Problem1_buggy	/home/str/Pro	blem1_buggy
	10) -maxge	n 3000			
	11) -scope				
	12) -popula	tion 8			
	13) -operat	orspace			
F					Α
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NB: In this guide, we used only Problem1_buggy as an instance. You can follow the same procedure for the other programs. You would need to update the parameter -location for ASTOR