Principles of Programing

Assignment 2

Symbolic Execution

Problem Statement:

Given an executable file and an address within that file, you will have to generate the inputs that will cause the flow of execution to reach that address.

Input

Your analysis program should take the executable file and an address as input. The inputs will only be provided on the command line.

Output

Your analysis program should output the inputs to be provided to the given executable.

Deliverables

The analysis program

Grading

You will be presented with 10 testcases to test the correctness of your inputs. Each of this testcases will carry 5 points. There will be additional 5 secret test cases which will be released after the deadline. Each of the secret test case will carry 10 points