Ms. Sehmat has successfully infiltrated into the server. She is currently installing a rootkit using the high ranking official's credentials. As a result, the server is unreachable as of now and the estimated time for fix is 11:59 PM today. As her handler, it is your job to cover for her in the meantime. If the server is inaccessible, it will result in the IT folks visiting the house. Therefore, ensure that no one finds out that the server is down.

Students need to download the following programs and need to make the following changes :

1. Modify the sniffex.c program to capture ping requests

2. Modify helper.c to create and send ICMP raw responses

3. Merge both sniffex.c and helper.c such that whenever there is an ICMP request caught it should spoof an ICMP response and send back to the host irrespective of the server is up or not