

CS352 Project 1: Packet Generator

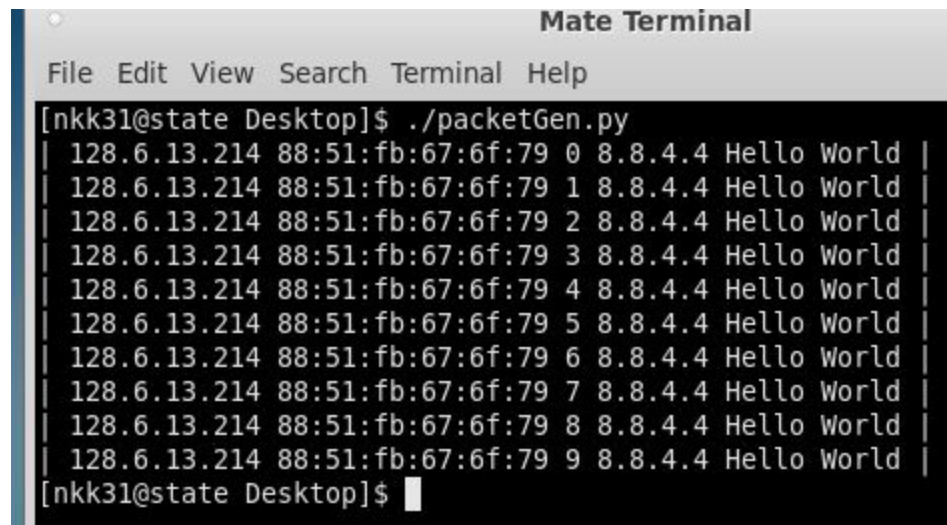
Nikita Kolotov, nkk31

Output Snapshot:

- Text Output:

- | 128.6.13.214 88:51:fb:67:6f:79 0 8.8.4.4 Hello World |
- | 128.6.13.214 88:51:fb:67:6f:79 1 8.8.4.4 Hello World |
- | 128.6.13.214 88:51:fb:67:6f:79 2 8.8.4.4 Hello World |
- | 128.6.13.214 88:51:fb:67:6f:79 3 8.8.4.4 Hello World |
- | 128.6.13.214 88:51:fb:67:6f:79 4 8.8.4.4 Hello World |
- | 128.6.13.214 88:51:fb:67:6f:79 5 8.8.4.4 Hello World |
- | 128.6.13.214 88:51:fb:67:6f:79 6 8.8.4.4 Hello World |
- | 128.6.13.214 88:51:fb:67:6f:79 7 8.8.4.4 Hello World |
- | 128.6.13.214 88:51:fb:67:6f:79 8 8.8.4.4 Hello World |
- | 128.6.13.214 88:51:fb:67:6f:79 9 8.8.4.4 Hello World |

- Picture Output:



The screenshot shows a terminal window titled "Mate Terminal" with a menu bar (File, Edit, View, Search, Terminal, Help). The prompt is [nkk31@state Desktop]\$ and the command ./packetGen.py has been executed. The output consists of ten lines, each showing a packet with a source IP of 128.6.13.214, a source MAC of 88:51:fb:67:6f:79, a sequence number from 0 to 9, a destination IP of 8.8.4.4, and the payload "Hello World". Each line is enclosed in vertical bars. The terminal ends with the prompt [nkk31@state Desktop]\$ and a cursor.

```
[nkk31@state Desktop]$ ./packetGen.py
| 128.6.13.214 88:51:fb:67:6f:79 0 8.8.4.4 Hello World |
| 128.6.13.214 88:51:fb:67:6f:79 1 8.8.4.4 Hello World |
| 128.6.13.214 88:51:fb:67:6f:79 2 8.8.4.4 Hello World |
| 128.6.13.214 88:51:fb:67:6f:79 3 8.8.4.4 Hello World |
| 128.6.13.214 88:51:fb:67:6f:79 4 8.8.4.4 Hello World |
| 128.6.13.214 88:51:fb:67:6f:79 5 8.8.4.4 Hello World |
| 128.6.13.214 88:51:fb:67:6f:79 6 8.8.4.4 Hello World |
| 128.6.13.214 88:51:fb:67:6f:79 7 8.8.4.4 Hello World |
| 128.6.13.214 88:51:fb:67:6f:79 8 8.8.4.4 Hello World |
| 128.6.13.214 88:51:fb:67:6f:79 9 8.8.4.4 Hello World |
[nkk31@state Desktop]$
```