Write a Netburner application that displays the following menu on standard output:

1) Ticks per second
2) Maximum number of tasks
3) MAC address
4) Netmask
5) Gateway IP address
6) IP address

Selection:

After reading the user selection from standard input the application should display the value of the corresponding menu item and then redisplay the menu.

The netmask, gateway IP and IP address should all be shown in dotted-quad notation (192.168.17.2). The bytes that make up the 48-bit MAC address should be shown in hexadecimal with the bytes separated by colons (20:03:f4:03:ac:09).

Use only system I/O routines for input and output. Do not use any C stdio routines or any of the Netburner convenience functions (ShowMac or ShowIP).

Some of the values to be displayed are constants that are defined in header files. Other values must be read at runtime. Refer to sections 24.1-24.3 of the NetBurnerRuntimeLibraries documentation.

Submit a print-out of your source code. Submit your source code in a zip or tar archive by email to richardson.tony@gmail.com. In the email subject line use “EE458 Project 6 – Your Name”.