Name:

Name:

Using only the od command, decode the bytes in the binary file I emailed you and determine the numeric values in this file. The data types can be any of the C basic types (e.g., unsigned char, short int, double, …). For example, the file could contain a double precision float, a long integer and a single character (if the file was 13 bytes long).

Email me a summary of what is in the file in this form:

The first 8 bytes contain a double precision float whose value is 10002727000.0027.

The second 4 bytes contain a long integer whose value is 272727.

…

Then email me the od commands you used to successfully display the values, and the actual values you found (e.g., “od –f2 quiz\_06.raw” was used to decode the first 8 bytes).

Send all this as PLAIN TEXT in the body of your email message.

Hint No. 1: The size of the first data type is less than the size of a 32-bit floating point number.

Hint No. 2: If you get the data types correct, the numbers are either a multiple of 27 or contain the digits “27” in their numeric representation.

Hint No. 3: The file is 7 bytes long, so think of how many different combinations of data types there can be in the file (e.g., it obviously can’t hold a double precision float).