

16.317: Microprocessor Systems Design I

Fall 2015

Lecture 2: Key Questions

September 4, 2015

1. Briefly describe data types: what they specify, and what the different possibilities are for each aspect of a data type.
2. Explain the difference between how data can be interpreted as a signed or unsigned integer. Show the difference by interpreting the 8-bit value $1001\ 1111_2$ as both a signed and unsigned value.