

Outline for April 17, 2009

Reading: text, §4.4–4.5

1. Internal representation of characters as integers
 - a. Each system chooses its own representation
 - b. Now, almost all systems use ASCII or Unicode
 - c. Conversion to and from numeric representation: `ord()`, `chr()` (see `ord.py`)
2. Caesar cipher
 - a. How it works
 - b. One form: `caesar1.py`
 - c. Another form: `caesar2.py`
3. String functions and `datecv.py`
 - a. Conversion functions `int()` and `eval()`
 - b. Date conversion method 1: using ranges
 - c. Date conversion method 2: using `split`
 - d. Date conversion method 3: indexing into lists
 - e. Date conversion method 4: indexing into string using ranges