Python Lab
A Complex Example Using Control Statements

Proteomics Informatics, Spring 2014

Week 5

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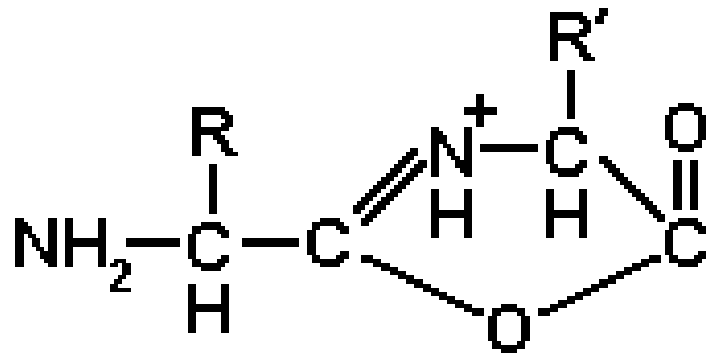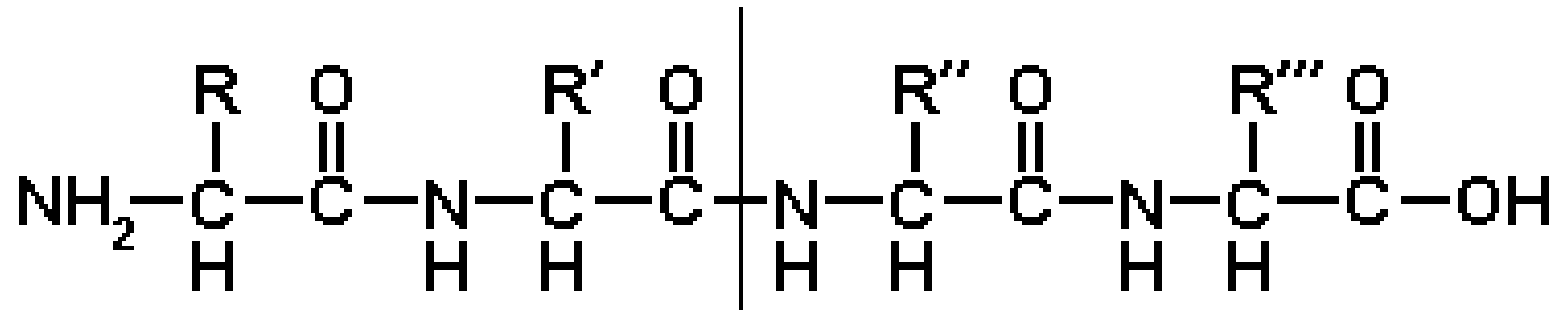# Last week's HW Assignment

Recap

- Control statements

- if/else branching operation

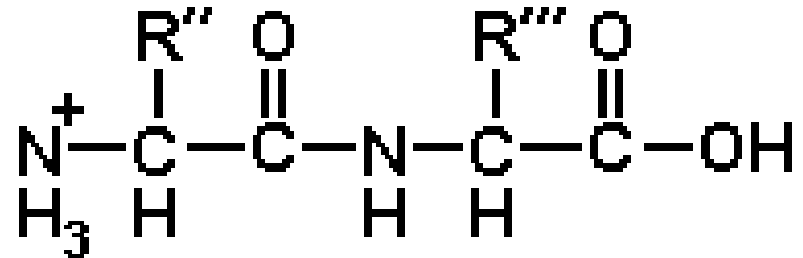- for loops and access patterns

Today

- More complex example:
  - **Compute Peptide Fragment Ions**

- **Problem:** Given a peptide sequence and charge state, compute m/z of various b- & y-ions

First, hand calculations

HW Assignment

- Add remaining neutral losses
  - b-nh3
  - y-h2o
  - y-nh3

- Add remaining multiply-charged fragments
  - y+

Next Class

- Functions