

### Exercise #1

1. In a new file named `menus.xsd`, define an XML Schema for Labwork #1's `menus.xml` document.
  - menu elements may occur between 1 and 5 times.
  - Reference complex elements `menu` and `main_course`, as well as attribute `day`, instead of defining them inline, to improve readability.
  - Attribute `day` can only have the following values: Monday, Tuesday, Wednesday, Thursday and Friday.
2. Use the Validome Schema Validator (<http://www.validome.org/grammar/validate/>) to check whether your XML Schema is correct.
3. Incorporate a reference to schema `menus.xsd` in the root element of document `menus.xml`. Use CoreFiling's XML Schema Validator (<http://www.corefiling.com/opensource/schemaValidate.html>) to check whether your XML document is valid w.r.t. your schema. You may also use the Validome XML Validator (<http://www.validome.org/xml/validate/>), but it requires uploading your XML documents onto the diserv Web server.

### Exercise #2

1. Define XML Schemas for Labwork #1 and #2's `nutrition.xml`, `publications.xml` and `inventory.xml` documents.
2. Check whether your schemas are correct and your XML documents are valid against them with online CoreFiling's and/or Validome's validators.