ValueSets

This exercise aims to allow you to familiarize yourself with creating ValueSets and bind them to your coded datatypes.
In this exercise, you will use FSH.

The Alpha Hospital uses a list of codes to store occupation types, and wants to use that list to fill the Occupation field for the Patient resource.

Code	Occupation type
ALP-OCC-01	Healthcare and medicine
ALP-OCC-02	Arts and entertainment
ALP-OCC-03	Business
ALP-OCC-04	Industrial and manufacturing
ALP-OCC-05	Law Enforcement
ALP-OCC-06	Science and technology
ALP-OCC-07	Service and education

A ValueSet resource needs to be created for this.

Exercises

1. Create a ValueSet in FSH, by adding it to an existing file, or creating a new file for it.
   - Set the URL for the code system to
        "http://www.alpha-hospital.alp/occupations"
   - The ValueSet should contain the codes from the table listed above.
   - Fill in the additional metadata for the value set, and save the ValueSet resource to the folder with the rest of the conformance resources.

2. Adding the ValueSet to your profile
   - Open your profile.
   - Go to the extension you added to your Patient for the occupation, and set the valueset binding to the URL of the ValueSet you have created.
   - Choose a binding strength
   - Save your profile

3. (optional, time permitting) Create a CodeSystem
   - To have a complete set of conformance resources, you should have a CodeSystem resource that defines the code system used for the ValueSet, if that code system is maintained by your organization.
   - Create this by using FSH to create CodeSystem resource and filling in some details. Look at http://hl7.org/fhir/codesystem.html for the structure, and http://hl7.org/fhir/uv/shorthand/reference.html#defining-code-systems for FSH syntax and examples.