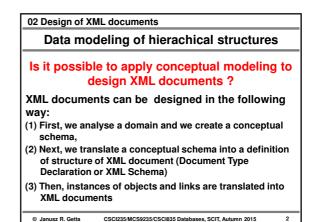
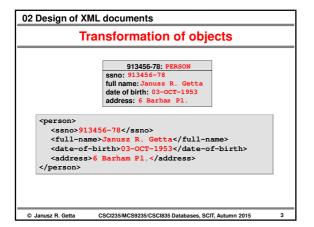
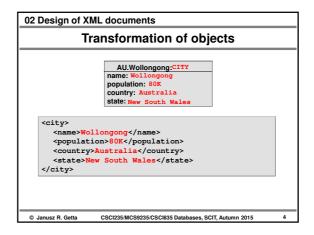


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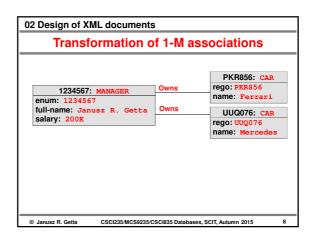


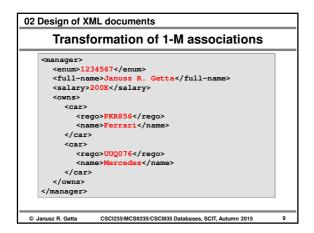


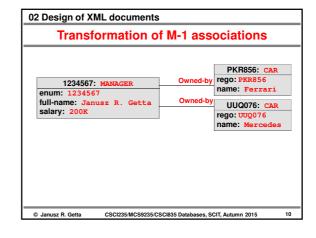


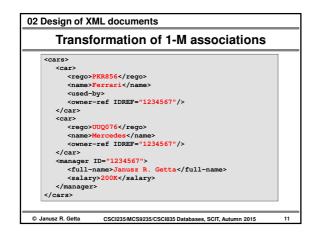
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02 Design of XML documents
       Transformation of 1-1 associations
      1234567: MANAGER
                                            MI6: DEPARTMENT
enum: 1234567
full-name: Janusz R. Getta
                                          budget: 20M
salary: 200K
      <enum>1234567</enum>
<full-name>Janusz R. Getta</full-name>
       <salary>200K</salary>
         <department
            <name>MI6</name>
            <budget>20M</budget>
         </department>
       </manages>
              CSCI235/MCS9235/CSCI835 Databases, SCIT, Autumn 2015
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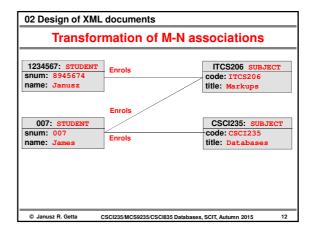
```
02 Design of XML documents
       Transformation of 1-1 associations
                               Managed-by MI6: DEPARTMENT
enum: 1234567
full-name: Janusz R. Getta
                                         budget: 20M
salary: 200K
    <department>
       <name>MI6</name>
       <budget>20M</budget>
       <managed-by>
          <manager>
            <enum>1234567</enum>
            <full-name>Janusz R. Getta</full-name>
            <salary>200K</salary>
          </manager>
       </managed-by>
    </department>
 © Janusz R. Getta
                CSCI235/MCS9235/CSCI835 Databases, SCIT, Autumn 2015
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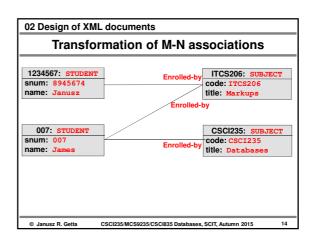


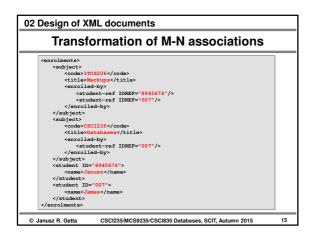


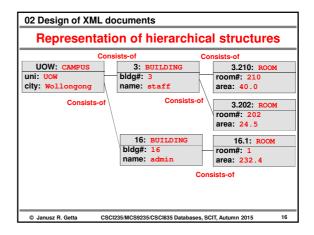


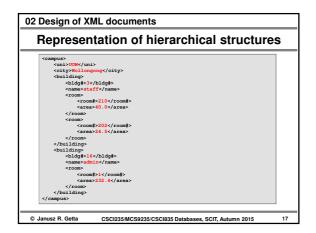


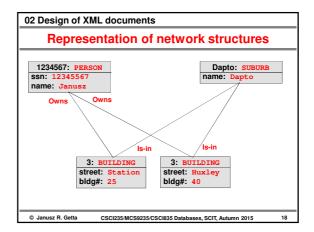












```
O2 Design of XML documents

Representation of network structures

(real-estate)

(suburb)

(name>Dapto</name>
(building ID="Station.25")

(street>Station</street>
(bldg#>25</bldg#>
(/building)

(building)

(building)

(building)

(street>Bluxley</street>
(bldg#>40</bldg#>
(/building)

(suburb)

(person)

(snn1234567</snn>
(name>Janusz</name>
(owns IDREP="Station.25"/>
(owns IDREP="Station.25"/>
(owns IDREP="Station.45"/>
(owns IDREP="Huxley.40"/>
(/person)

(/real-estate)

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```

