

Opgave E - Gr. 2.126.

Trin 3.

XSD Schema Validator

Schema document:

NamespaceURI:

XML document:

Validated OK!

```
<?xml version="1.0"?>
<Project>
  <ProjectName>Semester 7, 2001</ProjectName>
  <Site>
    <SiteName>Harbour dwelling area, Aalborg</SiteName>
    <Building>
      <BuildingId>Building 1</BuildingId>
      <Storey>
        <StoreyLevel>level 3</StoreyLevel>
        <Space SpaceType = "room" SpaceFloorArea = "38">
          <usage>living room</usage>
        </Space>
        <Space SpaceType = "kitchen" SpaceFloorArea = "25">
          <usage>open kitchen</usage>
        </Space>
        <Space SpaceType = "room" SpaceFloorArea = "18">
          <usage>sleeping</usage>
        </Space>
        <Space SpaceType = "communication" SpaceFloorArea = "18">
          <usage>entrance hall</usage>
        </Space>
        <Space SpaceType = "hygien" SpaceFloorArea = "8">
          <usage>guest toilet</usage>
        </Space>
      </Storey>
      <Storey>
        <StoreyLevel>level 2</StoreyLevel>
        <Space SpaceType = "room" SpaceFloorArea = "60">
          <usage>home office</usage>
        </Space>
        <Space SpaceType = "room" SpaceFloorArea = "18">
          <usage>sleeping</usage>
        </Space>
        <Space SpaceType = "room" SpaceFloorArea = "18">
          <usage>sleeping</usage>
        </Space>
        <Space SpaceType = "communication" SpaceFloorArea = "12">
          <usage>hall</usage>
        </Space>
        <Space SpaceType = "hygien" SpaceFloorArea = "6">
          <usage>toilet with bath</usage>
        </Space>
      </Storey>
    </Building>
  </Site>
</Project>
```

Trin 5. skridt 1.....!

XSD Schema Validator

Schema document:

NamespaceURI:

XML document:

Validation error:

Expected Schema root. Make sure that the root element is and the namespace is 'http://www.w3.org/2001/XMLSchema' for an XSD schema or 'urn:schemas-microsoft-com:xml-data' for an XDR schema. An error occurred at , (2, 2).

This page allows you to validate an XML documents against an W3C XML Schema (XSD) or an XML Data-Reduced (XDR) schema, verify the schemas are valid, or simply check the well-formedness of XML documents. Different actions are taken depends on the submitted information.

- Check well-formedness of an XML document if it is submitted.
- Check validity of a schema if it is submitted.
- Validate the XML document against a schema, if both a schema and an XML document are submitted and the XML document has a namespace declaration that matches the namespaceURI (and the targetNamespace in the XSD schema).

Trin 5. skridt... 2.....!

XSD Schema Validator

Schema document:

NamespaceURI:

XML document:

Validated OK!

```
<?xml version="1.0"?>
<Project>
  <ProjectName>Semester 7, 2001</ProjectName>
  <Site>
    <SiteName>Harbour dwelling area, Aalborg</SiteName>
    <Building>
      <BuildingId>Building 1</BuildingId>
      <Storey>
        <StoreyLevel>level 2</StoreyLevel>
        <Space SpaceType = "room" SpaceFloorArea = "60">
          <usage>home office</usage>
        </Space>
        <Space SpaceType = "room" SpaceFloorArea = "18">
          <usage>sleeping</usage>
        </Space>
        <Space SpaceType = "room" SpaceFloorArea = "38">
          <usage>sleeping</usage>
        </Space>
        <Space SpaceType = "entrance" SpaceFloorArea = "12">
          <usage>hall</usage>
        </Space>
        <Space SpaceType = "hygien" SpaceFloorArea = "6">
          <usage>toilet with bath</usage>
        </Space>
      </Storey>
      <Storey>
        <StoreyLevel>level 1</StoreyLevel>
        <Space SpaceType = "room" SpaceFloorArea = "60">
          <usage>home office</usage>
        </Space>
        <Space SpaceType = "room" SpaceFloorArea = "18">
          <usage>office</usage>
        </Space>
        <Space SpaceType = "room" SpaceFloorArea = "38">
          <usage>cooking</usage>
        </Space>
        <Space SpaceType = "entrance" SpaceFloorArea = "12">
          <usage>aports</usage>
        </Space>
        <Space SpaceType = "hygien" SpaceFloorArea = "6">
          <usage>toilet with bath</usage>
        </Space>
      </Storey>
    </Building>
  </Building>
  <BuildingId>Building 2</BuildingId>
  <Storey>
    <StoreyLevel>level 1</StoreyLevel>
    <Space SpaceType = "room" SpaceFloorArea = "38">
      <usage>living room</usage>
    </Space>
    <Space SpaceType = "kitchen" SpaceFloorArea = "25">
      <usage>open kitchen</usage>
    </Space>
    <Space SpaceType = "room" SpaceFloorArea = "18">
      <usage>sleeping</usage>
    </Space>
    <Space SpaceType = "entrance" SpaceFloorArea = "18">
      <usage>entrance hall</usage>
    </Space>
    <Space SpaceType = "hygien" SpaceFloorArea = "8">
      <usage>guest toilet</usage>
    </Space>
  </Storey>
</Project>
```

Trin 6....

Semester 7, 2001

Harbour dwelling area, Aalborg

BUILDING 1

Level 2

SpaceType	SpaceFloorArea	Usage
Room	60	Home Office
Room	18	Sleeping
Room	38	Sleeping
Entrance	12	Hall
Hygien	6	Toilet With Bath

Level 1

SpaceType	SpaceFloorArea	Usage
Room	60	Home Office
Room	18	Office
Room	38	Cooking
Entrance	12	Sports
Hygien	6	Toilet With Bath

BUILDING 2

Level 1

SpaceType	SpaceFloorArea	Usage
Room	38	Living Room
Kitchen	25	Open Kitchen
Room	18	Sleeping
Entrance	18	Entrance Hall
Hygien	8	Guest Toilet

Level 2

Trin 7...

Semester 7, 2001

Harbour dwelling area, Aalborg

BUILDING 1

Level 2

SpaceType	SpaceFloorArea	Usage
Entrance	12	Hall
Hygien	6	Toilet With Bath
Room	60	Home Office
Room	18	Sleeping
Room	38	Sleeping

Level 1

SpaceType	SpaceFloorArea	Usage
Entrance	12	Sports
Hygien	6	Toilet With Bath
Room	60	Home Office
Room	18	Office
Room	38	Cooking

BUILDING 2

Level 1

SpaceType	SpaceFloorArea	Usage
Entrance	18	Entrance Hall
Hygien	8	Guest Toilet
Kitchen	25	Open Kitchen
Room	38	Living Room
Room	18	Sleeping

Level 2