Verifica applicazioni orientate ai servizi e WSDL

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Disciplina: TECNOLOGIE E Durata: 50 min.

PROGETTAZIONE

- 7. Dato il file WSDL riportato nelle pagine seguenti fornire la descrizione dettagliata del Web Service in termini di:
 - 1. nome del name space che identifica il Web Service
 - 2. descrizione dei vari messaggi
 - 3. esempi di chiamata delle operazioni in esso descritto

```
<?xml version="1.0" encoding="UTF-8"?>
<definitions name="WSApp"</pre>
             targetNamespace="http://app.giodabg.org/"
             xmlns="http://schemas.xmlsoap.org/wsdl/"
             xmlns:xs="http://www.w3.org/2001/XMLSchema"
             xmlns:tns="http://app.giodabg.org/"
             xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
  xmlns:wsam="http://www.w3.org/2007/05/addressing/metadata">
  <types>
    <xs:element type="tns:numListType" name="numListType"/>
    <xs:element type="tns:numType" name="numType"/>
    <xs:element type="tns:percorso" name="percorso"/>
    <xs:element type="tns:citta" name="citta"/>
    <xs:complexType name="percorso">
      <xs:sequence>
        <xs:element type="xs:string" name="partenza"/>
        <xs:element type="xs:string" name="arrivo"/>
      </xs:sequence>
    </xs:complexType>
    <xs:complexType name="citta">
      <xs:sequence>
        <xs:element type="xs:string" name="return" minOccurs="0"</pre>
maxOccurs="unbounded"/>
      </xs:sequence>
    </r></r></ra>
    <xs:complexType name="numListType">
      <xs:sequence>
        <xs:element type="xs:string" name="type"/>
      </xs:sequence>
    </xs:complexType>
    <xs:complexType name="numType">
      <xs:sequence>
        <xs:element type="xs:int" name="return"/>
      </xs:sequence>
    </xs:complexType>
  </types>
  <message name="percorso">
    <part name="parameters" element="tns:percorso"/>
  </message>
  <message name="citta">
    <part name="parameters" element="tns:citta"/>
  </message>
  <message name="numListType">
    <part name="parameters" element="tns:numListType"/>
  </message>
  <message name="numType">
```

```
<part name="parameters" element="tns:numType"/>
  </message>
  <portType name="WSApp">
    <operation name="getPercorso">
      <input message="tns:percorso" wsam:Action="http://app..."/>
      <output message="tns:citta" wsam:Action="http://app..."/>
    </operation>
    <operation name="getNumListType">
      <input message="tns:numListType"</pre>
wsam:Action="http://app..."/>
      <output message="tns:numType" wsam:Action="http://app..."/>
    </operation>
  </portType>
  <binding name="WSAppPortBinding" type="tns:WSApp">
    <soap:binding style="document"</pre>
                transport="http://schemas.xmlsoap.org/soap/http"/>
    <operation name="getPercorso">
      <soap:operation soapAction=""/>
      <input>
        <soap:body use="literal"/>
      </input>
      <output>
        <soap:body use="literal"/>
      </output>
    </operation>
    <operation name="getNumListType">
      <soap:operation soapAction=""/>
        <soap:body use="literal"/>
      </input>
      <output>
        <soap:body use="literal"/>
      </output>
    </operation>
  </binding>
  <service name="WSApp">
    <port name="WSAppPort" binding="tns:WSAppPortBinding">
      <soap:address location="http://localhost:8080/..."/>
    </port>
  </service>
</definitions>
```