

## 01.Task 01

```
<definitions name ='calculatorService'
  targetNamespace="http://example.com/wsdl/calculatorService.wsdl"
  xmlns:soap ="http://schemas.xmlsoap.org/wsdl/soap/"
  xmlns:tns="http://localhost:8080/calculatorService"
  xmlns="http://schemas.xmlsoap.org/wsdl/">

  <message name ="AddRequest">
    <part name="num1" type ="xsd:int" />
    <part name="num2" type ="xsd:int" />
  </message>

  <message name ="AddResponse">
    <part name="result" type ="xsd:int" />
  </message>

  <portType name="Calculator_portType">
    <operation name ="addNumbers">
      <input message="tns:AddRequest" />
      <output message="tns:AddResponse"/>
    </operation>
  </portType>

  <binding name="Calculator_Binding" type="tns:Calculator_PortType">
    <soap:binding style ="document"
transport="http://schemas.xmlsoap.org/soap/http" />
  </binding>

  <service name="CalculatorService">
    <port name="Calculator_port" binding="tns:Calculator_Binding">
      <soap:address location ="http://localhost:8080/CalculatorService" />
    </port>
  </service>
</definitions>
```

## 02.Task 02

```
<definitions name ='SayHello'
  targetNamespace="http://example.com/wsdl/SayHello.wsdl"
  xmlns:soap ="http://schemas.xmlsoap.org/wsdl/soap/"
  xmlns:tns="http://localhost:8080/SayHello"
  xmlns="http://schemas.xmlsoap.org/wsdl/">
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<message name ="greetingRequest">
    <part name="firstName" type ="xsd:String" />
</message>

<message name ="greetingResponse">
    <part name="result" type ="xsd:String" />
</message>

<portType name="SayHello_portType">
    <operation name ="greeting">
        <input message="tns:greetingRequest" />
        <output message="tns:greetingResponse"/>
    </operation>
</portType>

<binding name="SayHello_Binding" type="tns:SayHello_PortType">
    <soap:binding style ="document"
transport="http://schemas.xmlsoap.org/soap/http" />
</binding>

<service name="SayHelloService">
    <port name="SayHello_port" binding="tns:SayHello_Binding">
        <soap:address location ="http://localhost:8080/SayHelloService" />
    </port>
</service>
</definitions>

```

### 03.Task 03

```

<definitions name ='Weather_Service'
    targetNamespace="http://example.com/wsdl/Weather_Service.wsdl"
    xmlns:soap ="http://schemas.xmlsoap.org/wsdl/soap/"
    xmlns:tns="http://localhost:8080/Weather"
    xmlns="http://schemas.xmlsoap.org/wsdl/">

    <message name ="getTempratureRequest">
        <part name="cityname" type ="xsd:String" />
    </message>

    <message name ="getTempratureResponse">
        <part name="temperature" type ="xsd:float" />
    </message>

    <message name ="getConditionRequest">

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        <part name="cityname" type ="xsd:String" />
    </message>

    <message name ="getConditionResponse">
        <part name="condition" type ="xsd:String" />
    </message>

    <portType name="Weather_portType">
        <operation name ="temprature_calculator">
            <input message="tns:getTempratureRequest" />
            <output message="tns:getTempratureResponse"/>
        </operation>
        <operation name ="condition_moniter">
            <input message="tns:getConditionRequest" />
            <output message="tns:getConditionResponse"/>
        </operation>
    </portType>

    <binding name="Weather_Binding" type="tns:Weather_PortType">
        <soap:binding style ="document"
transport="http://schemas.xmlsoap.org/soap/http" />
    </binding>

    <service name="Weather_Service">
        <port name="Weather_port" binding="tns:Weather_Binding">
            <soap:address location ="http://localhost:8080/Weather_Service" />
        </port>
    </service>
</definitions>

```

#### 04.Task 04

```

<definitions name ='Bank_Account_Service'
    targetNamespace="http://example.com/wsdl/Bank_Account.wsdl"
    xmlns:soap ="http://schemas.xmlsoap.org/wsdl/soap/"
    xmlns:tns="http://localhost:8080/Bank_Account"
    xmlns="http://schemas.xmlsoap.org/wsdl/">

    <message name ="getDepositeRequest">
        <part name="account_No" type ="xsd:int" />
        <part name="amount" type ="xsd:float" />
    </message>

    <message name ="getDepositeResponse">

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        <part name="balance" type ="xsd:float" />
    </message>

    <message name ="getWithdrawedRequest">
        <part name="account_No" type ="xsd:int" />
        <part name="amount" type ="xsd:float" />
    </message>

    <message name ="getWithdrawedResponse">
        <part name="balance" type ="xsd:float" />
    </message>

    <message name ="getCheekBalanesRequest">
        <part name="account_No" type ="xsd:int" />
    </message>

    <message name ="getCheekBalanesResponse">
        <part name="balance" type ="xsd:float" />
    </message>

    <portType name="Bank_Account_portType">

        <operation name ="Deposit">
            <input message="tns:getDepositRequest" />
            <output message="tns:getDepositResponse"/>
        </operation>

        <operation name ="Withdrawed">
            <input message="tns:getWithdrawedRequest" />
            <output message="tns:getWithdrawedResponse"/>
        </operation>

        <operation name ="Cheek_Balanes">
            <input message="tns:getCheekBalanesRequest" />
            <output message="tns:getCheekBalanesResponse"/>
        </operation>

    </portType>

    <binding name="Bank_Account_Binding" type="tns:Bank_Account_PortType">
        <soap:binding style ="document"
transport="http://schemas.xmlsoap.org/soap/http" />
    </binding>

    <service name="Bank_Account_Service">

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        <port name="Bank_Account_port" binding="tns:Bank_Account_Binding">
            <soap:address location ="http://localhost:8080/Bank_Account_Service"
/>
        </port>
    </service>
</definitions>
```

05.Task 05