

01.Task 01

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<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>
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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>

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03.Task 03

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<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="temprature" 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>

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04.Task 04

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<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 ="Deposite">
        <input message="tns:getDepositeRequest" />
        <output message="tns:getDepositeResponse"/>
    </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