WSDL - <PORTS> ELEMENT

A **<port>** element defines an individual endpoint by specifying a single address for a binding.

Here is the grammar to specify a port –

```
<wsdl:definitions .... >
   <wsdl:service .... > *
      <wsdl:port name = "nmtoken" binding = "qname"> *
         <-- extensibility element (1) -->
      </wsdl:port>
   </wsdl:service>
</wsdl:definitions>
```

- The port element has two attributes: *name* and *binding* .

- The *name* attribute provides a unique name among all ports defined within the enclosing WSDL document.

- The binding attribute refers to the binding using the linking rules defined by WSDL.

- Binding extensibility elements are used to specify the address information for the port.

- A port MUST NOT specify more than one address.

- A port MUST NOT specify any binding information other than address information.

Here is a piece of code from the Example chapter –

```
<service name = "Hello_Service">
   <documentation>WSDL File for HelloService</documentation>
   <port binding = "tns:Hello_Binding" name = "Hello_Port">
      <soap:address
         location = "http://www.examples.com/SayHello/">
   </port>
</service>
```