

Answers MiniTest

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1. HTTP Protocol Version 1.1

a)

Request-Line = Method SP Request-URI SP HTTP-Version CRLF

SP: separating character

CRLF: new line in character encoding

b)

entered in the URL bar: 192.168.1.1:8080

request line :

GET / HTTP/1.1 \r\n

Host: 192.168.1.1:8080 \r\n

Connection: close \r\n\r\n

c)

TODO

2. Network I/O

a)

TODO

b)

TODO

3. Representational State Transfer

a)

false: REST is no protocol

b)

false: all stateless means, the server doesn't store client-context

c)

TODO

d)

true

4. WS-* services

a)

The wsdl file holds the information. It can be retrieved by opening the following URL:
<http://vslab.inf.ethz.ch:8080/SunSPOTWebServices/SunSPOTWebservice?wsdl>

b)

the type definitions are in the schema location file

```
<xs:element name="getSpot" type="tns:getSpot" / >  
<xs:element name="getSpotResponse" type="tns:getSpotResponse" / >
```

c)

The transport protocol is defined in the binding-block of the WSDL file

The soap:address would be in a mailto URL scheme. (e.g. <mailto:SunSpotWebservices@vslab.inf.ethz.ch>)

5. Android Emulator Networking

a)

It is the IP address of the development machine.

It is always the same, because all web traffic is routed through the development machine.

b)

It refers to itself (localhost).

c)

10.0.2.2

d)

TODO