

1. Explain how Ajax based web interaction differs from traditional interaction?

Ajax enables the developer to post only specific data ,and also come back with only the required amount of data to finish a request , instead of reloading an entire page  
that helps with the speed of the application and limits redundancy

2. What kind of values readyState can get and what do they mean?

Holds the status of the XMLHttpRequest. Changes from 0 to 4:

0: request not initialized

1: server connection established

2: request received

3: processing request

4: request finished and response is ready

3. Is Ajax interaction limited receiving data only in XML format?

This was the conventional name when it was first invented Aja(xml)  
but you can use many other data types such as JSON or XAML

4. How parameters are passed in Ajax GET and POST requests?

`open(method, url, async)`

Specifies the type of request

*method*: the type of request: GET or POST

*url*: the server (file) location

*async*: true (asynchronous) or false (synchronous)

```
xhttp.open("GET", "ajax_info.txt", true);
```

```
xhttp.send();
```

or

```
xhttp.open("POST", "demo_post.asp", true);
```

```
xhttp.send();
```

5. Make simple Ajax application. You can for example have a PHP program, which calculates some mathematical function or returns some other information based on information given by user and delivered using Ajax interactions.

see Ajax\_1 and Ajax\_2 files

6. What events you need to program when you use WebSocket?

Socket.readyState, Socket.onopen, Socket.onmessage,  
Socket.onerror, Socket.onclose

7. What kind of methods are required to be programmed on the server side to get the WebSocket connection working?

Socket.send() and Socket.close()