

Task 1

a.)

Cookies are needed for identifying a client to the server, for example by storing a session key to identify the user for several http-requests.

b.)

The session cookie has to be in the http-header and therefore the session-start() has to occur before any output.

c.)

Cookies are a String, therefore any contained data has to be serialized(formatted in a string in such way that it can be reconstructed)

d.)

A Session Key is a Cookie that expires when the browser is closed.