CS547 Network Programming
Possible Quiz Questions (Quiz #10)
on April 11th, 2023

The following is a list of possible questions for our quiz on April 11th. Some of the questions will not be asked in the quiz. All the questions that will appear in the quiz will appear exactly as shown below (however, numeric parameters may be changed). The quiz is closed textbook, closed notes and closed neighbors. Note that the questions, which did not appear in this quiz, still may appear in the exams. You will find a solution for these questions during lectures.

#1: What are two different criteria of “browser incompatibilities”?

#2: What are “official standard (browser) incompatibilities”?

#3: What are “unofficial standard (browser) incompatibilities”?

#4: Why are “browser incompatibilities” an important issue? Mention three major reasons.

#5: When did “browser incompatibilities” occurred?

#6: Why didn’t “browser incompatibilities” for the first browser (Lee’s browser)?

#7: What are “static websites”? How are their inside organized (show it)?

#8: What is “html parser”? What does it do? What product does it produce?

#9: What is “(browser) rendering engine”?

#10: What does “(browser) rendering engine” do?

#11: What is “DOM”? Why was it introduced?

#12: What is “a DOM tree”?

#13: What is “(browser) rendering engines”?

#14: Mention one example of the existing (browser) rendering engine.

#15: What are the two causes for the browser incompatible issues between “Netscape Navigator (ver. 1.x)” and “Internet Explorer (ver. 1.x)” ? Mention the two causes.

#16: What is “dynamic websites” (a definition)?

#17: How are their inside organized (show it)?

#18: What programming methods let “dynamic web sites” possible? Name two.

#19: After “dynamic web sites”, which components in web sites can be a cause of (browser) incompatibility issue? Name all.
#20: What are the two effort that took place after browser incompatibility issues were escalated after dynamic web sites were popular used? Mention two.

#21: In the late 2000’s, browser incompatible issues became a hard issue. What were the two reasons?

#22: What was the solution the industry took after the browser incompatible issues became a hard issue in the late 2000’s?

#23: What are acid tests?

#24: Show how acid tests work.

#25: What are the two issues we should be careful about acid tests?

#26: What is the weakness acid tests can not deal with (but “Selenium” can help)?