Feedback — Optional Week 8 Quiz (Part 2)

You submitted this quiz on **Mon 9 Mar 2015 3:37 PM PDT**. You got a score of **7.75** out of **10.00**. However, you will not get credit for it, since it was submitted past the deadline.

Question 1

Which of the following are benefits of patterns? (check all that apply)

Your Answer		Score	Explanation
☑ Provide design abstraction	✔	0.25	
☐ Not applicable to every language	✔	0.25	
☐ Can be tedious to implement	✔	0.25	
☑ Enhance development and sustainability	✔	0.25	
Total		1.00 / 1.00	

Question 2

True or false: Inversion of control simplifies debugging by allowing developers complete freedom to dictate the flow of control in their applications

Your Answer		Score	Explanation
○ False			
⦿ True	✖	0.00	
Total		0.00 / 1.00	

Question 3

True or false: The patterns we examined in the JAWS web server are only applicable to writing server software.

Your Answer	Score	Explanation
○ True		
◉ False	✔ 1.00	
Total	1.00 / 1.00	

Question 4

The Proactor pattern uses what feature that affects its portability across platforms?

Your Answer	Score	Explanation
◉ Interprocess Communication	✖ 0.00	
○ Multithreading		
○ Asynchronous I/O		
○ Least Recently Used Caching		
Total	0.00 / 1.00	

Question 5

The Sockets API was first developed as a C interface to _____.

Your Answer	Score	Explanation
○ DOS		

⦿ BSD Unix   ✔   1.00

◯ Apple Mac OS

◯ Microsoft Windows

Total	1.00 / 1.00

Question 6

The Wrapper Facade pattern is different from the Bridge or Proxy pattern because:

Your Answer	Score	Explanation
◯ It is a pattern specific to C instead of a general pattern		
◯ It is always more complicated to create due to its low-level nature		
⦿ It is lightweight	✔ 1.00	
◯ It involves more objects in its interaction		
Total	1.00 / 1.00	

Question 7

True or false: Patterns are only used for Design Abstractions.

Your Answer	Score	Explanation
⦿ False	✔ 1.00	
◯ True		
Total	1.00 / 1.00	

Question 8

Which of the following are benefits of frameworks? (check all that apply)

Your Answer	Score	Explanation
☐ Easy to create	✔ 0.20	
☑ Design reuse	✔ 0.20	
☐ Simple debugging	✔ 0.20	
☑ Validation reuse	✔ 0.20	
☑ Leveraging previous work	✔ 0.20	
Total	1.00 / 1.00	

Question 9

Which of the following are examples of tactical issues in concurrent and networked software?
(check all that apply)

Your Answer	Score	Explanation
☐ The choice of the security architecture	✔ 0.25	
☑ Expertise with the Sockets network programming API	✔ 0.25	
☑ Expertise with the pthreads concurrency API	✔ 0.25	
☑ The choice of concurrency architecture	✖ 0.00	
Total	0.75 / 1.00	

Question 10

Which of the following are we going to focus on in our discussion of patterns and frameworks in the JAWS web server throughout Section 6? (check all that apply)

Your Answer		Score	Explanation
☐ The cached virtual filesystem	✔	0.25	
☑ The event dispatcher	✔	0.25	
☐ The transport protocol	✔	0.25	
☐ The OS kernel	✔	0.25	
Total		1.00 / 1.00	