Back Final Exam
Graded Quiz • 45 min

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	statements is a key principle of test		1/1 point
You can only test for	r the factors that you know.		
	g for the beta stage onward. ew software tests as possible.		
Correct. No matte	er how well developers design a pro	oduct, they can only test what they kno	w.
2. Testing has which of the	e following benefits for developme	nt?	1/1 point
Reduces project sp Increases code read			
Produces file backu			
Improves code quaCorrect	lity		
Correct. Testing a	llows developers to refactor code a	and add new features with confidence.	
3. At which level of the so	tware testing process do develope	rs test the entire software process?	1 / 1 point
Acceptance testing			
Unit testingSystem testing			
O Integration testing			
Correct. In systen	n testing, developers ensure that th	ne entire system works together.	
What is the purpose of i			1/1 point
	acceptability for delivery se with specific technical requireme	ents	
	interaction between components unit performs as designed		
⊘ Correct		neo flavorio di	tograta d't
Correct. The purp or components.	ose of integration testing is to expo	ose flaws in the interaction between int	egrated units
 Behavior driven develo Writing concise cod 	pment (BDD) ensures which of the	τοιιowing for developers?	1/1 point
Building correct so	ftware		
O Identifying the cod			
Correct. BDD ens	ure that developers are building the	e correct software.	
CIIS	, are banding till		
5. In the basic workflow fo	or test driven development (TDD), v	vhat happens in the third step?	1 / 1 poin
Improve the code's Create the test case			
O Create the test case O Describe the syster			
Write the program	code.		
Correct. In the thi	rd step in the basic TDD workflow,	developers refactor the code to improv	e its quality.
· In cold to T	frame	infinite man	lovele3
7. In which Python testing PyUnit	, пашеworк can you use nearly an i	infinite number of setup and teardown	levels? 1/1 point
O Doctest O RSpec			
RSpec Pytest			
Correct Correct. With Pyte	est, you can use nearly an infinite n	umber of setup and teardown levels.	
	ython and have installed PyUnit, N unit tests and receive color-coded	lose, and Pinocchio. Which of the follov output?	wing commands 1/1 point
unittestwith-spec			
ounittestwith-spec			
nosetestswith-sp	ecspec-color		
Correct. To perfor	m unit tests and receive color-code	ed output, run nosetestswith-specs	pec-color.
). Which of the fell	PyUnit assertions is weet 15	rmining if an object is in a real to the	
assertRegex()	, and a second for deter	rmining if an object is in a result set?	1/1 point
assertIsInstance() assertLogs()			
assertLogs() assertIn()			
		n the collection known as "b." This ass	ertion is useful
for determining if	an object is in a result set.		
		x in a test module. Which of the following	ng sequences 1/1 point
	th the test runner will execute the fire rooms. The contract of the fire rooms. The contract of the contract o	inal three test fixtures?	
setUpModule, tearl	DownModule, tearDown		
	rnClass, tearDownModule		
Correct. The last to	hree test fixtures that the test runn	ner will execute, in order, are tearDown,	,
	nd then tearDownModule.	,	
11. How does a mission	t coverage report help developers i	mprove their testing?	
	respond to exceptions appropriate		1/1 poin
Announces when n	o bugs remain in the code		
Shows the lines of cool	code that have coverage le that need test cases		
Correct. A missing	g test coverage report can reveal wh	hich lines were not tested so that devel	opers can write
	nat execute those lines.		
12. When generating false	in Python, what is one advantage.	of using the Faker class to generate follow	data?
(Creates a diverse se		of using the Faker class to generate fake	data? 1/1 point
Uses a small amou	nt of code		
	ber of attributes to test sults in a logical order		
		et of data for the given attribute, such a	
	er and more diverse your test data, atch many bugs for which you mig	, the more comprehensive and reliable tht not have tested otherwise.	your testing
	mocking for which of the following	purposes?	1/1 point
Ensure that databa Avoid calls of unter	se transactions actually work ted code		
Isolate their tests fr	om a remote component		
✓ Include internal sys✓ Correct	stems in their testing		
Correct. Develope	ers should mock any component to portant for testing.	which they don't have a remote conne	ction if that
L4. For which of the followi	ng purposes is it useful to patch ret	turn values with data?	1/1 point
Testing objects with Testing mocks	n method calls		
	turned from a function call		
O Testing objects tha	t call other objects		
		is useful for controlling the data return or object that your program expects. By	
		n be sent back as a return value from a	
L5. Developers use mock o Change a function	bjects for which of the following pu	irposes?	1/1 point
	catto parametero		
Mimicking a real ob	-		
Mimicking a real obtained in the second	oject ath		

⊘ Correct

can control.

Correct. Developers use mock objects to mimic the behavior of real objects in ways that the developers