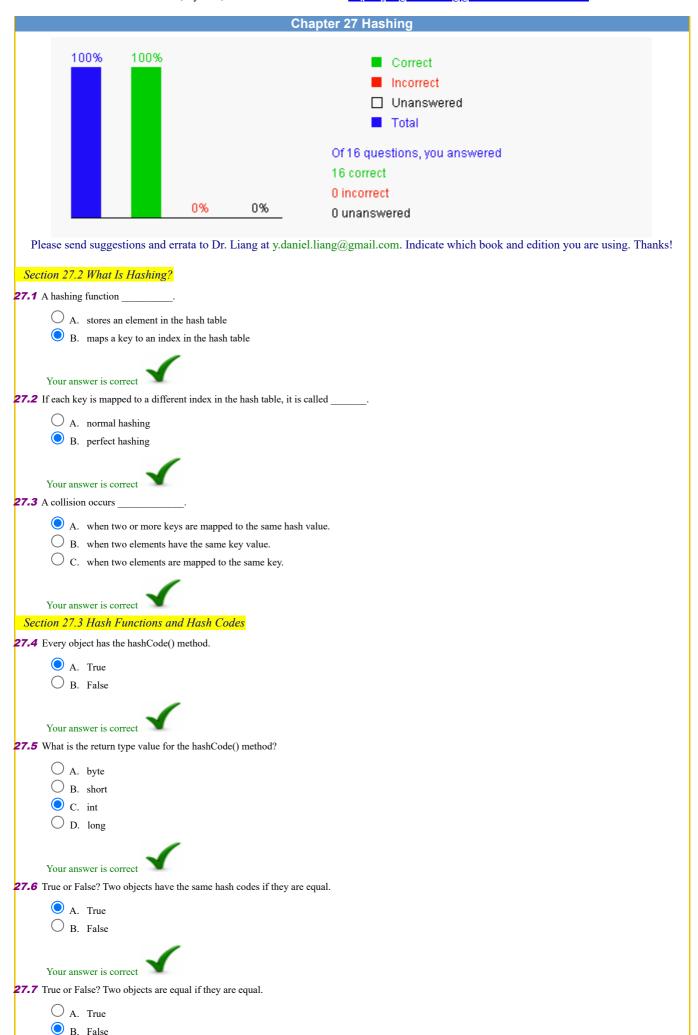
Introduction to Java Programming, Includes Data Structures, Eleventh Edition, Y. Daniel Liang

This quiz is for students to practice. A large number of additional quiz is available for instructors using Quiz Generator from the Instructor's Resource Website.

Videos for Java, Python, and C++ can be found at https://yongdanielliang.github.io/revelvideos.html.



	Your ar	nswer is correct
27.8 I	For an I	nteger object with value 20, what is its hashCode?
	O A	10
	B	
	_	2. 30
	_	o. 40
	O L	<i>J.</i> 40
		nswer is correct
27.9 I	f two st	rings are equal, the two strings have the same hashCodes.
	A	True
	\bigcirc B	B. False
	Vour	nswer is correct
l l		r False? Assume N and hashCode are positive and N is an integer of power of 2, hashCode % N is the same as hashCode & (N - 1).
27.10		
	_	True
	О в	B. False
	Your ar	nswer is correct
27.11	1 & 3	is
	O A	
	B	
	\bigcirc C	
	OD	
	O D	J
l l		nswer is correct
27.12	1 << 2	is
	\bigcirc A	
	\bigcirc B	
	C	2. 4
	\bigcirc D	0. 5
	Your ar	nswer is correct
I		4 Handling Collision Using Open Addressing
		a collision occurs during the insertion of an entry to a hash table, finds the next available location sequentially.
		. linear probing
	_	. Innear prooting 2. quadratic probing
		2. double hashing.
		double hashing.
I		nswer is correct
Secti	ion 27.	5 Handling Collision Using Separate Chaining
27.14		is to find an open location in the hash table in the event of collision.
	A	. Open addressing
		3. Separate chaining
	37	
		nswer is correct
27.15		places all entries with the same hash index into the same location, rather than finding new locations.
		. open addressing scheme
	B	s. separate chaining scheme
	Your ar	nswer is correct
		6 Load Factor and Rehashing
		measures how full the hash table is.
		Load factor
1	→ A	. Load factor

O B. Threshold

Your answer is correct