













## **Speeding Ticket Fine** # getting the necessary input from the user speed = eval(input("Enter your speed: ")) speedlimit = eval(input("Enter the speed limit: ")) if speed > speedlimit: # calculate the fine mphOver = speed - speedlimit fine = 50 + mph0ver \* 5# excessive speed Nested if statement! if speed > 90: fine = fine + 200print("Your ticket is", fine) else: print("Continue safe driving practices.") Oct 16, 2017 Sprenkle - CSCI111 8











<ul> <li>Practice: Numeric to Letter Grade</li> <li>Determine a numeric grade's letter grade (A, B, C, D, or F)</li> </ul>										
	Numeric Grade Letter Grade									
	90 and above A									
	80 to below 90 B									
	70 to below 80 C									
	60 to below 70	D								
	Below 60 F									
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Мо	Modify to use elif									
<ul> <li>Determine if a numeric grade is a letter grade (A, B, C, D, or F)</li> </ul>										
	Numeric Grade	Letter Grade								
	90 and above	A								
	80 to below 90 B									
	70 to below 80 C									
	60 to below 70 D									
	Below 60 F									
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Truth Tables											
operands											
Α	В	A	and	В	Α	or	В	not A	not B	not A and B	A or not B
т	Т										
Т	F										
F	Т										
F	F										
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Operands									
Α	В	A and B	A or B	not A	notB	not A and B	A or not B		
Т	Т	Т	Т						
т	F	F	Т						
F	Т	F	Т						
F	F	F	F						
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Truth Tables											
A	A B A and B A or B A or B A not B A or B A A A OR B A A A A A OR B A A A A A A A A A A A A A A A A A A										
т	Т	Т	Т	F	F						
Т	F	F	Т	F	Т						
F	Т	F	Т	Т	F						
F	F	F	F	Т	Т						
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Truth Tables										
oper	operands									
Α	В	A and B	A or B	not A	notB	not A and B	A or not B			
Т	Т	Т	Т	F	F	F	Т			
Т	F	F	Т	F	Т	F	Т			
F	Т	F	Т	Т	F	Т	F			
F	F	F	F	Т	Т	F	Т			
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