





















Practice: Speeding Ticket Fines

 Any speed clocked over the limit results in a fine of at least \$50, plus \$5 for each mph over the limit, plus a penalty of \$200 for any speed over 90mph.

• Our program

- >Input: speed limit and the clocked speed
- Output: appropriate output to the user, based on their speeding/fine

Sprenkle - CSCI111

speedingticket.py

Feb 13, 2023







P	Practice: Nume	ric to Letter Grade				
•	Write a program grade (A, B, C, D,	to determine a n or F)	umeric grade's letter			
	Numeric Grade	Letter Grade				
	90 and above	A				
	80 to below 90	В				
	70 to below 80	С				
	60 to below 70	numericGrade - floo	t(input("Numeric grade: "))			
	Below 60					
	Feb 13, 2023 grade.py	<pre># Your code here print("Your grade i</pre>	s", letterGrade)			











Modify t	ouseelif					
 Determin D, or F) 	ne if a numeric grade is a letter grade (A, B, C,					
	Numeric Grade	Letter Grade				
	90 and above	А				
	80 to below 90	В				
	70 to below 80	С				
	60 to below 70	D				
	Below 60	F				
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oper	ands R	A and B	A or B	not	not	not A	A or	
^				A	В	and B	not B	
Т	Т	Т	Т					
Т	F	F	Т					
F	Т	F	Т					
F	F	F	F					

Truth	Truth Tables								
	oper	ands							
	А	В	A and B	A or B	not A	not B	not A and B	A or not B	
	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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T T T F F F T T F F T F T F T T F F T F T F T F T F T F T F T F F F T T F T F F F F T T F T F	oper A	ands B	A and B	A or B	not A	not B	not A and B	A or not B	
T F F T F T F T F T F T F F F F T T	Т	Т	Т	Т	F	F	F	Т	
FTFTTTTFT	Т	F	F	Т	F	Т	F	Т	
F F F F T T F T	F	Т	F	Т	Т	F	Т	F	
	F	F	F	F	Т	Т	F	Т	

