Coding & Programming				School	Johns Creek High School
				Names	Daniel Kramer
				URL	https://github.com/drkspace/CodingandProgrammingFBLA
Evaluation Item	Not Demonstrated	Does Not Meet Expectations	Meets Expectations	Expectations	
Program Readability and Style					
Appropriate identifiers used for variables, constants,				77 at 1 at	
arrays, objects, etc.	0	1-3	47	8-10	10
Commentary provided line-by-line and/or section is					
readable, useful, and complete	0	1-7	814	15-20	20
General program documentation is readable, useful,					
nd complete (i.e. execution instructions, system	0	1-7	8-14	15-20	20
equirements, etc.)					
Program Structure and Content					
Program is concise, does not contain unnecessary					
complexity or repetitive blocks of code (uses	0	1-7	8-14	15-20	18
unctions and sub routines as necessary)					
Appropriate data types are used for data storage to			20.00 20.00	APVI STATE	
void drain on system resources	0	1-7	8-14	15-20	20
Program follows a logical sequence to accomplish					
required tasks (unusual approaches are well	0	1-3	4-7	8-10	10
documented)				0.10	
Results	Miles processes and the				
Program produces desired results (free of logic	2000	(1000)	Ι		
errors)	0	1-7	8-14	15-20	18
Program handles user and/or data input errors well		0.000		900 0000	
coded to avoid run-time errors)	0	1-7	8-14	15-20	18
Resulting output/feedback (onscreen and/or printed			1992 1993		NAMES OF THE PROPERTY OF THE P
reports, alert/error messages, etc.) were useful	0	1-10	11-20	21-30	28
Usability	L		1		
Program provides instructions or a help menu for	1		1		TO THE STREET OF
iser assistance	0	1-3	4-7	8–10	8
User is able to navigate the program intuitively using a		000011X	1		
logical sequence (appropriate tab order for user input,	The second second	1-3	4_7	8-10	8
asks for input in a logical sequence, etc.)		3.500			
Program interface, feedback, reports, etc. are free of					
spelling, punctuation, and grammatical errors	0	1-2	3-4	5	4
Program aesthetics maintain user interest	0	1-2	3-4	5	3
Subtotal /200 max.			Alexander and a second		185
D 1 D 1 D 1 D 20 1 C 1		- Anna			
Penalty Points: Deduct up to 20 points for not adhe	ring to Guider	nies.			
Total Points /200 max.			185		
			To start, mentioning "Run the application" is not very appropriate for teaching how to run the application Also, please mention what version of Python you are using (Python 2 and 3 are very different are require proper installation of either)		
			C	omments2	
					Actual code documentation is detailed and clear, great job! Methods and variables are very appropriate and syntax is very clean. Strong display of programming skills, keep it up!
			All main functionality covered, but UI could use work. Properly grouping and spacing the buttons can he (user interface does not flow well). Overall though, UI flows well.		
			Not sure how searching works, please provide further instruction on those in the future or make it more intuitive (filling in text fields and pressing search did nothing)		
			C	omments5	
			(comments6	

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ne errors)	0	1-7	8-14	15-20	15
sulting output/feedback (onscreen and/or printed reports, alert/error	0	1-7	8-14	15-20	14
essages, etc.) were useful	0	1-10	11-20	21-30	20
sability				V 10 10 10 10 10 10 10 10 10 10 10 10 10	
ogram provides instructions or a help menu for user assistance	0	1-3	4-7	8-10	6
er is able to navigate the program intuitively using a logical sequence propriate tab order for user input, asks for input in a logical sequence,	0	1–3	4-7	8–10	7
c) ogram interface, feedback, reports, etc. are free of spelling,	0	1–2	3-4	5	4
nctuation, and grammatical errors	0	1-2	3-4	5	3
ogram aesthetics maintain user interest	0	1-2]]-+	3	146
enalty Points: Deduct up to 20 points for not adhering to Guidelines.					
otal Points /200 max.		146			
		Requires that I have Python2.7 installed for the Tcl library I believe? Make sure you include that in the documentation. Code comments are clear and variables are discriptive.			
9		Consider grouping related functions into classes and possibly splitting the code into multiple files. A single file over 1000 lines can be hard to maintain over time. Moving functions into classes will reduce the number of global functions and reduce the possibility of name collisions. Some functions, such as add_to_db, have a large number of arguments; consider sending the array to add_to_db to make the code cleaner.			
		Consider adding feedback to Edit Employee Details search if no results were found so users do not wond if the application is responding or not. Also, consider validating user input, such as blocking empty names The "Print Customer Attendance" button in the Add Customer screen does not function.			
		Consider more flexible search or table options for edit employee/customer details so user doesn't have to remember exact spelling. Consider adding to your help menu; while the interface is relatively self-explanatory, a more thorough help guide could make it more comfortable to users.			
			С	omments5	
				omments6	