	Zac Fotelt CPSC 321:01 September 23 2021
	HW#2
0	a) TImaker (PE Mnd= 2566B Product)
	b) TImodel, Price (Grakes = B (Product Mmodel PC))
	() IT maker ((Product Monodel Laptop) or (Product Monodel PC))
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	e) Timater (Ospud > 4.26Hz (Product Model PC))
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	Mpd-2566B (maker = 13
-	PC Product Monodel
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	(a) That I Makes (d) That Myodel Myodel PL PC
	Goduct laptop froduct PZ
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	Model 14.26HZ
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.	PL PC
(3)	a) min = n+m, max = n+m
	b) min = n, max = n+m
	c) min = M, max = n+m
	d) min = n+m, max = n+m
	e) nin = 0; max = (n-len(T+(R))+ m

9	a) Titem-number, name (Sport-1ist > 10 price (25 (Sets))
	b) Titem-number, name ((opert_list. name = 1x2 brick a color = brightline (Sets))
	M (Spart-1.5t. pame = 2x11 plate a color = bright red (sets)))
	c) Titem number, name (Sets M theme = Disney, category = Building (Sets))
	d) Titem-number, name ((Jeategory = Building (sets)) Meid (Jeategory = Sports (sets)))
	e) Taid, name, price (Bricks M design-id! = design-id neum.id = elem.id n price 20.20 Bricks).
	I needed to structure my Sets fable more around the part list affiibute to
	have necess to those attributes
	1) I. will be moditying an existing project I have been working on
	for some time. It will be an expense calculator written in Python that
	allows a user to frank their expenses over a period of time. The current
	Database component only stores single fransactions, tracks a usu's current
	balance, & output & history of the uses transactions. I would like to
	add more features to flesh out this top. Giving uses the ability to tag
<i>*</i>	transactions for easy review yould be beneficial. Also providing the
,	users w/ visualizations & frend graphs would be extremely useful.
	Designing a simple & effective Gui to allow users to navigate the
	functions of the application is a important feature to add as well.
120	finally, I believe it would be of just benefit to the user to allow
	entry of multiple transactions at the same time.
	2) for this version of the proposal, I decided on 2 new features to describe,
	First, implementing a GUI is paramount because it should be very clear
	and easy for a user to interact with the application properly, Additionally,
2	it would be helpful for uses to have a feature to enter transactions
	in bulk in case they are behind on entires.
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3),	user tasks in application
3),	is the form server.
	· The user will login using their credentials when prompted by the login screen.
	This will retrieve their associated data (OLTP)
	· The user can enter a transaction amount, chose deposit or withdrawl,
	describe their transaction, and select a transaction tag. Once they
	click a submit button, the use's fransaction will be processed & insurted
	into the database (OLTP)
	· The user can click a history button to have their transactions compiled & displayed
	to them. This will likely open a new page to the user to allow them to
	Filter out their results (OLAP)
	· The user's homepage will display visualizations of their data in the
	form of trend graphs & other forms (OLAP)
	. The uses Will have the capability in the history screen to delete
	or modify past entries. Ideally this will be eccomplished with a
	button & r gop-up window (OLTP)