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CS 457

Project 2

Design Document

Project 2 adds onto the database created in Project 1. The new functions are “insert()”, “update()”, and “delete()”.

The first is the insert function. Insert inserts rows into the selected table. Each row inserted must have the same dimensions as the table header. An example is
insert into Product values(1, 'Gizmo', 19.99);

The next is the update function. Update modifies data within the table. The program sets an element into the table at the location within the row of an element that is received. An example is
update Product
set name = 'Gizmo'
where name = 'SuperGizmo';.

The last function is the delete function. A row where the element that is received is deleted. An example is
delete from product
where name = 'Gizmo';.

This project is not complete. The last command:

```
select name, price  
from product  
where pid != 2;
```

does not work. I did not have enough time to complete this portion of the assignment. In addition, code is not properly commented in non-trivial sections.