Databases Coursework Design notes

**Using nested tables over varrays** – Varrays are ordered lists which are stored in line (in the table itself). I decided to use nested tables over varrays because nested tables have many more benefits in this problem. One reason I decided to pick nested tables over varrays is that we can easily extend a nested table, which means that we can have an infinite number of phone numbers for customers and employees, whereas varrays are limited by an upper bound. Another reason why I decided to pick nested tables over arrays is the fact that when you want to access an element in a varray, you have to retrieve all of the elements in the varray because a varray is stored as a single object, which is not the case in a nested table, where you can easily access a single element in a nested table.