***Class Exercise 6***

***Referential Integrity Rules***

1. *In the General Hardware Corp. database (see figure on next page), what would happen if:*
   1. *The delete rule between the CUSTOMER and CUSTOMER EMPLOYEE relations is restrict and an attempt is made to delete the record for customer 2198 in the CUSTOMER relation?*

It won’t allow you to delete it because customer 2198 is a primary key for both CUSTOMER and CUSTOMER EMPLOYEE

* 1. *The delete rule between the CUSTOMER and CUSTOMER EMPLOYEE relations is cascade and an attempt is made to delete the record for customer 2198 in the CUSTOMER relation?*

All the 5 records will be deleted

* 1. *The delete rule between the CUSTOMER and CUSTOMER EMPLOYEE relations is set-to-null and an attempt is made to delete the record for customer 2198 in the CUSTOMER relation?*

It will go through, and the matching values will be set to null

* 1. *The delete rule between the CUSTOMER and CUSTOMER EMPLOYEE relations is restrict and an attempt is made to delete the record for employee 33779 of customer 2198 in the CUSTOMER EMPLOYEE relation?*

It will go through because the restrict value only affect CUSTOMER

* 1. *The delete rule between the CUSTOMER and CUSTOMER EMPLOYEE relations is cascade and an attempt is made to delete the record for employee 33779 of customer 2198 in the CUSTOMER EMPLOYEE relation?*

It will go through because it only affect table on the manu side

* 1. *The delete rule between the CUSTOMER and CUSTOMER EMPLOYEE relations is set-to-null and an attempt is made to delete the record for employee 33779 of customer 2198 in the CUSTOMER EMPLOYEE relation?*

It will go through because it won’t affect the customer table

