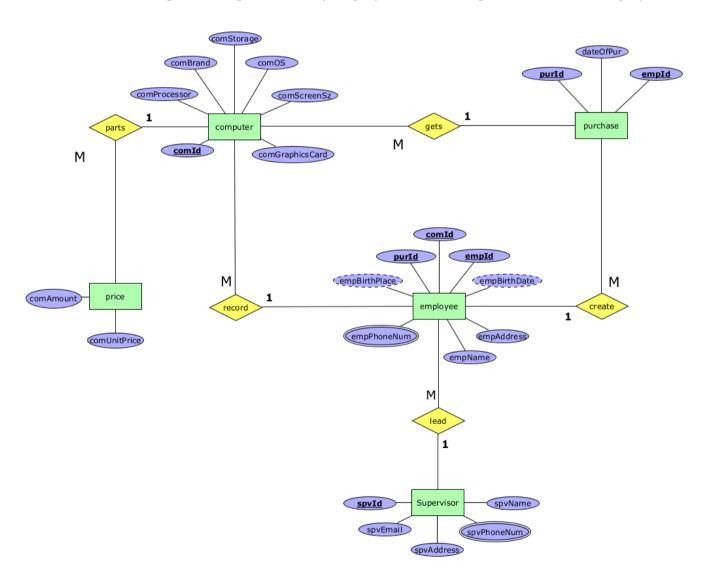| NAME | : FARICHA AULIA |
NIM	: 2141720155
ABSENT	: 08
CLASS	: 1I - IT
TOPIC	: QUIZ 1

CODE: A

Please create Chen's Version of ERD for the case study below. Please submit your quiz answers in .pdf format. Don't forget to include your name, class, and student number in your answer file.

1. In the database of a computer shop, the following data should be recorded. Computer data need to be recorded serial number, which is unique for each computer. In addition, it is also necessary to note the brand, OS, processor, RAM, storage, screen size, resolution, graphics card, and price. Purchase data that needs to be recorded is a unique code, date of purchase, and employee. Each purchase can buy multiple computers. In every purchase of a computer, it is necessary to note the purchase price, which can be different from the price of the computer. Each employee needs to record a unique employee code, name, address, cellphone number, place, and date of birth. It should be noted that the direct supervisor of the employee. Where each supervisor supervises many employees, and one supervisor leads one employee.

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2. In a computer shop that is different from the previous question, it is necessary to record the following data. Item data contains item id, name, specifications, quantity, price, and type of item. Each item has 1 type of category. Each category of item has category code and category name attributes. One type of category can have many items. Purchase data that needs to be recorded is a unique code, date of purchase, and the employee who handled the purchase. Each purchase can buy many items. In every purchase of items, it is necessary to note the amount and purchase price, which can be different from the price of the items. Each employee needs to record a unique employee code, name, address, cellphone number, place, and date of birth. It is necessary to record family data from employees to calculate salary allowances. Family data consists of the name and family relationships. Family data is only recorded for one family member. For example, if a husband and wife are in the company, their children are registered with one of their parents.