



Inspiring Excellence

**CSE - 370**

**Database Systems**

**Summer'23**

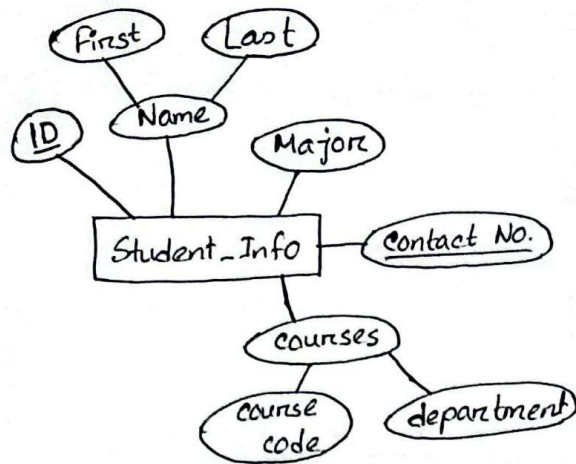
**Assignment Number: 01**

**Name:** Mehedi Hasan Shahed

**ID:** 21301436

**Section:** 09

**Answer to the Question No. 1:**



**Answer to the Question No. 2:**

Draw an ER diagram for a Company management system. The database will keep track of the company, interns, employees, and warehouses :

A company has OUI, name, and established year. It hires interns. Each intern has SSN, name, and contact information. Contact information consists of phone number and address, each address has a city and district. A company has warehouses in multiple locations. The warehouses have unique numbers, addresses, and different numbers of floors. Each warehouse consists of numerous sections, each section has a unique code and size. Multiple interns get trained by the company employee on specific skill sets. Each of the employees has an SSN, date of birth, and age. Senior employees supervise their junior employees. Then each of the warehouses is supervised by the employees.

