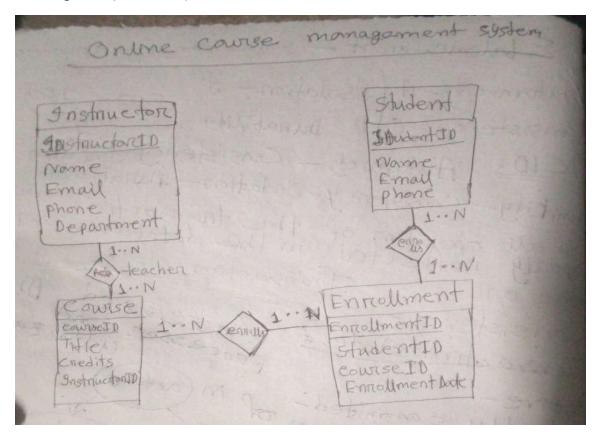
1. ER Diagram (OCMSS):

GROUP BY I.InstructorID



```
HAVING SUM(C.Credits) = (
    SELECT SUM(CREDITS) AS SM
    FROM COURSE
    GROUP BY InstructorID
    ORDER BY SM DESC
    LIMIT 1
);

5. SELECT S.StudentID, S.Name
    FROM Student S
    JOIN Enrollment E ON S.StudentID = E.StudentID
    GROUP BY S.StudentID
    HAVING COUNT(E.CourseID) > 2;
```

Online retail system

Customes

C-id

C-name

e-name

email

phone
address

Tagaantity

totalprice

There

```
7. GROUP BY using Group function while ORDER BY is a sorting
  system (there are two types: ASC (ascending) and DESC
  (descending)).
  EX. Group By:
       SELECT INSTRUCTORID
       FROM COURSE
       GROUP BY INSTRUCTORID;
  EX. Order By:
       SELECT *
       FROM student
       ORDER BY name:
8. SELECT MAX(SALARY)
  FROM INSTRUCTOR
  WHERE SALARY < (
       SELECT MAX(SALARY)
       FROM INSTRUCTOR
  );
9. CREATE TABLE COURSE
       C_ID CHAR(6) PRIMARY KEY,
       C TITLE VARCHAR(60),
       FOREIGN KEY(C_ID) REFERENCES INSTRUCTOR(I_ID)
            ON DELETE CASCADE
  );
10. এই course এর সবথেকে সমস্যা হয়েছে ERD বুঝতে , এজন্য মডিউলের video
  গুলো অনেকবার করে দেখেছি। এখন কিছুটা বুঝতে পৈরেছি। আরো প্রাকটিস করলে
```

আরো ক্লিয়ার হবে ইনশাআল্লাহ।