Assignment 5

- → delimiter //
- → create table chaitanya_borrower(roll_no int, name varchar(50), DOI date, book_name varchar(50), status varchar(50));
- → create table chaitanya_fine_final (roll_no int, fine_date date, amount int);
- → insert into chaitanya_borrower values ("12","patel", "2018-07-01", "xyz", "issued");
- → insert into chaitanya_borrower values ("14","shinde", "2018-06-01", "oop", "issued");
- → insert into chaitanya_borrower values ("16","bhangale", "2018-05-01", "coa", "returned");
- → insert into chaitanya_borrower values ("18","rebello", "2018-06-15", "toc", "returned");
- → insert into chaitanya_borrower values ("20","patil", "2018-05-15", "mp", "issued");
- → alter table chaitanya_borrower add dois date;
- → update chaitanya_borrower set dois='2018-07-01' where book_name = 'xyz';
- → update chaitanya_borrower set dois='2018-06-01' where book_name = 'oop';
- → update chaitanya_borrower set dois='2018-05-01' where book_name = 'coa';
- → update chaitanya_borrower set dois='2018-06-15' where book_name = 'toc';
- → update chaitanya_borrower set dois='2018-05-15' where book_name = 'mp';
- → select * from chaitanya_borrower;
- → create procedure D(roll_new int, book_name varchar(50))

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    -> begin
    -> declare Y integer;
    -> declare continue handler for not found
    -> begin
    -> select 'NOT FOUND';
    ->  end;
    ->  select datediff(curdate(), dois) into Y from chaitanya_borrower where roll_no =
roll_new;
    -> if (Y>15&&Y<30)
    -> then
    -> insert into chaitanya_fine_final values (roll_new, curdate(), (Y*5));
    -> end if;
    -> if(Y>30)
    -> then
    -> insert into chaitanya_fine_final values (roll_new, curdate(), (Y*50));
    -> end if;
    -> update chaitanya_borrower set status='returned' where roll_no = roll_new;
    -> end;
    -> //
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- → call D(12,'xyz');
- → select * from chaitanya_fine_final;
- → call D(20,'patil');
- → select * from chaitanya_fine_final;
- → select * from chaitanya_borrower;