Assignment 1

6_3 Practice pdf:

create table parent_information(id number not null,parent1_first_name varchar(50) not null,parent1_last_name varchar(50) not null,parent2_first_name varchar(50) not null,parent2_last_name varchar(50) not null,constraint u_id unique(id));

create table student(id number not null,First_name varchar(50) not null,last_name varchar(50),registration_year number not null,email varchar(100) not null,parent_id number,constraint s_id unique(id));

create table student_attendance(no_of_working_days number not null,no_of_days_off number,eligiblity_for_exam varchar(20));

create table student_course_detail(grade varchar(10) not null);

create table course(id number not null,name varchar(50) not null,constraint sc_id unique(id));

create table academic_session(id number not null,name varchar(50) not null,constraint a_id unique(id));

create table department(id number not null,name varchar(50) not null,head varchar(50) not null,constraint de_id unique(id));

create table faculty(id number not null,first_name varchar(50) not null,last_name varchar(50) not null,email varchar(100) not null,constraint f_id unique(id));

create table exam_result(grade varchar(10));

create table online1(logon_id number not null,password varchar(20) not null,constraint o_id unique(logon_id));

create table seated(building varchar(50) not null,room number not null,date_time date not null);

create table exam(id number not null,start_date date not null,constraint e_id unique(id));

create table exam_type(type varchar(20) not null,name varchar(50) not null,description varchar(50),constraint et_id unique(type));

create table faculty_course_detail (contact_hours interval day to second not null);

create table faculty_logon_detail(logon_date_time interval day to second not null,constraint fld_id unique(logon_date_time));

create table full_time as select * from faculty;

alter table full_time add(salary number not null,insurance varchar(20) not null);

create table part_time as select * from faculty;

alter table part_time add(hourly_rate number not null);

alter table parent_information add constraint z_id primary key(id);

alter table student drop constraint s_id;

alter table student add constraint za_id primary key(id);

alter table course drop constraint sc_id;

alter table course add constraint zb_id primary key(id);

alter table faculty_logon_detail modify(logon_date_time date default sysdate);

alter table parent_information read only;

create table dept178(dept_id number,dept_name varchar(50),loc_id number,constraint cp1_id primary key(dept_id,loc_id));

create table suppliers(sup_id number,sup_name varchar(30),contact_name varchar(30),constraint cp2_id primary key(sup_id,sup_name));

create table products(product_id number,sup_id number,sup_name varchar(30),constraint cp3_id primary key(product_id));

alter table products add constraint cf1_id foreign key(sup_id,sup_name) references suppliers(sup_id,sup_name);

describe products;

create table dept_sample(dept_id number,dept_name varchar(30),loc_id number,constraint cu_id unique(dept_id,dept_name));

describe dept_sample;

alter table student modify(registration_year date);

alter table faculty_course_detail modify(contact_hours number);

alter table faculty_logon_detail modify(logon_date_time timestamp);

6_4 Practice pdf:

insert into academic_session values(100,'spring season');

insert into academic_session values(200,'fall session');

insert into academic_session values(300,'summer session');

update academic_session set name='spring session' where id=100;

insert into department values(10,'accounting','mark smith');

insert into department values(20,'biology','dave gold');

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insert into department values(30,'computer science','linda brown');

insert into department values(40,'literature','anta taylor');

select * from department order by id asc;

alter table parent_information read write;

insert into parent_information values(600,'neil','smith','doris','smith');

insert into parent_information values(610,'william','ben','nita','ben');

insert into parent_information values(620,'sean','taylor','rhea','taylor');

insert into parent_information values(630,'dave','carmen','cathy','carmen');

insert into parent_information values(640,'john','audry','jane','audry');

select * from parent_information order by id asc;

insert into student values(720,'jack','smith','01-jan-2012','jsmith@sschooledu',600);

insert into student values(730,'noah','audry','01-jan-2012','naudry@sschooledu',640);

insert into student values(740,'rhonda','taylor','01-sep-2012','rtaylor@sschooledu',620);

insert into student values(750,'robert','ben','01-mar-2012','rben@sschooledu',610);

insert into student values(760,'jeanne','ben','01-mar-2012','jben@sschooledu',610);

insert into student values(770,'mills','carmen','01-apr-2013','mcarmen@sschooledu',630);

insert into course values(195,'cell biology');

insert into course values(190,'PRINCIPLES OF ACCOUNTING');

insert into course values(191 ,'INTRODUCTION TO BUSINESS LAW');

insert into course values(192 ,'COST ACCOUNTING ');

insert into course values(193 ,'STRATEGIC TAX PLANNING FOR BUSINESS');

insert into course values(194 ,'GENERAL BIOLOGY ');

insert into faculty values(800,'JILL',' MILLER','JMILL@SCHOOL.EDU ');

insert into faculty values(810,'JAMES' ,'BORG', 'JBORG@SCHOOL.EDU' );

insert into faculty values(820 ,'LYNN' ,'BROWN', 'LBROWN@SCHOOL.EDU' );

insert into faculty values(830 ,'ARTHUR', 'SMITH', 'ASMITH@SCHOOL.EDU'  );

insert into faculty values(840, 'SALLY' ,'JONES' ,'SJONES@SCHOOL.EDU'  );

insert into exam_type values('mce','multiple Choice Exams ','CHOOSE MORE THAN ONE ANSWER');
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insert into exam_type values('tf','TRUE AND FALSE Exams  ','CHOOSE EITHER TRUE OR FALSE ');

insert into exam_type values('ess','ESSAY Exams  ','WRITE PARAGRAPHS');

insert into exam_type values('sa','SHORT ANSWER Exams  ','WRITE SHORT ANSWERS ');

insert into exam values(500,'12-sep-2013');

insert into exam values(510,'15-sep-2013');

insert into exam values(520,'18-sep-2013');

insert into exam values(530,'21-mar-2014');

insert into exam values(540,'02-apr-2014');

insert into exam_result values('91');

insert into exam_result values('87');

insert into exam_result values('85');

insert into exam_result values('97');

insert into exam_result values('78');

insert into exam_result values('70');

insert into exam_result values('97');

insert into exam_result values('60');

insert into exam_result values('65');

insert into exam_result values('60');

insert into student_attendance values(180,11,'Y');

insert into student_attendance values(180,12,'Y');

insert into student_attendance values(180,13,'Y');

insert into student_attendance values(180,21,'Y');

insert into student_attendance values(180,14,'Y');

insert into student_attendance values(180,15,'Y');

insert into student_course_detail values('A');

insert into student_course_detail values('A');

insert into student_course_detail values('B');

insert into student_course_detail values('A');

insert into student_course_detail values('B');
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```sql
insert into student_course_detail values('C');

insert into student_course_detail values('F');

insert into student_course_detail values('C');

insert into student_course_detail values('D');

insert into student_course_detail values('F');

insert into faculty_course_detail values(3);

insert into faculty_course_detail values(4);

insert into faculty_course_detail values(5);

insert into faculty_course_detail values(3);

insert into faculty_course_detail values(4);

insert into faculty_course_detail values(5);

insert into faculty_logon_detail values('01-jun-2017 05.10.39 PM');

insert into faculty_logon_detail values('01-jun-2017 05.13.15 PM');

insert into faculty_logon_detail values('01-jun-2017 05.13.21 PM');

insert into faculty_logon_detail values('01-jun-2017 05.13.26 PM');

insert into faculty_logon_detail values('01-jun-2017 05.13.31 PM');

insert into faculty_logon_detail values('01-jun-2017 05.13.36 PM');

alter table faculty_logon_detail add(details varchar(50));

update faculty_logon_detail set details='assignment';

select details from faculty_logon_detail;
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