

**INFO 2301  
GROUP PROJECT**

School Management System

**SECTION - 02**

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**Abstract:**

This project is about School Management System which we developed with SQL and PL/Sql. There are 6 tables in it – Student, Teacher, Staff, Class, Family and Result. These tables are interrelated with one another. We also connect our database with the web using PHP coding and XAMPP. The user interface is functional, people can insert, delete, search and edit the data.

drop table Family cascade constraints;

drop table Staff cascade constraints;

drop table Teacher cascade constraints;

drop table Class cascade constraints;

drop table Result cascade constraints;

drop table Student cascade constraints;

create table Family

(FamilyID number primary key,

Father\_Name varchar2(20),

Mother\_Name varchar2(20),

Father\_Phone number,

Mother\_Phone number,

Home\_Address varchar2(20));

create table Staff

( Staff\_ID number primary key,

First\_Name varchar2(20),

Last\_Name varchar2(20),

Phone\_Number number,

Address varchar2(20),

Salary number);

create table Teacher

(Teacher\_ID number,

Staff\_ID number,

Room\_No varchar2(20),

Subject varchar2(20),

primary key (Teacher\_ID),

foreign key (Staff\_ID) references Staff( Staff\_ID));

create table Class

( Class\_ID varchar2(20),

Class\_Subject varchar2(20),

Teacher\_ID number,

Lesson\_Time varchar2(20),

primary key( Class\_ID),

foreign key( Teacher\_ID) references Teacher(Teacher\_ID));

create table Student

(Student\_ID number,

First\_Name varchar2(20),

Last\_Name varchar2(20),

Birthdate varchar2(20),

Phone number,

FamilyID number,

Class varchar2(20),

primary key (Student\_ID),

foreign key (FamilyID) references Family(FamilyID));

create table Result

(Exam varchar2(20),

Student\_ID number,

Class\_ID varchar2(20),

Exam\_date date,

Mark number,

foreign key (Student\_ID) references Student(Student\_ID),

foreign key (Class\_ID) references Class(Class\_ID));

insert into Family values ( 1000, 'MR. Mokles', 'MRS. Sokles', 01029273, 01927382,' 29-Jalan-Gombak');

insert into Family values ( 1001, 'MR. Mula', 'MRS. Gula', 01024573, 01923482,' 29-Sri-Gombak');

insert into Family values ( 1002, 'MR. Gajor', 'MRS. Fojor', 01664573, 09923482,' 9-Sri-Kedah');

insert into Family values ( 1003, 'MR. Amm', 'MRS. Jamm', 44664573,77923482,' 91-Sr-Muda');

insert into Family values ( 1004, 'MR. Kola', 'MRS. Dola', 44664873,77923002,' 91-Sri-Huda');

insert into Family values ( 1005, 'MR. Bye', 'MRS. Hii', 44004873,77926602,' 21-Sri-Sylhet');

insert into Family values ( 1006, 'MR. Khai', 'MRS. Jai', 44004343,77924302,' 21-7-Noyakhali');

insert into Family values ( 1007, 'MR. Bari', 'MRS. Curry', 00004343,09924302,' 21-0-Potuakhali');

insert into Family values ( 1008, 'MR. Bari', 'MRS. Curry', 00004343,09924302,' 21-0-Hotuakhali');

insert into Family values ( 1009, 'MR. Huda', 'MRS. Nuda', 21004343,98924302,' 24-Jalan-Idaman');

insert into Family values ( 1010, 'MR. Akkas', 'MRS. Sakkas', 21009343,98924002,' 2-Jalan-Idaman');

insert into Family values ( 1011, 'MR. Jula', 'MRS. Juli', 21009343,98924002,' 12-D-Idaman');

insert into Family values ( 1012, 'MR. Kadia', 'MRS. Nadia', 21009763,98724002,' 22-E-Idaman');

insert into Family values ( 1013, 'MR. Kadia', 'MRS. Chadia', 210097667,98724002,' 45-A-Idaman');

insert into Family values ( 1014, 'MR. Dhongso', 'MRS. Bongsho', 98763453,98755502,' 45-P-KL');

insert into Family values ( 1015, 'MR. Hotasha', 'MRS. Natasha', 98763411,00755502,' 45-Putra-KL');

insert into Family values ( 1016, 'MR. Kosto', 'MRS. Nosto', 98763411,00755502,' D1-Putra-KL');

insert into Family values ( 1017, 'MR. Happy', 'MRS. Papi', 98763441,00711502,' D1-Putra-HKL');

insert into Family values ( 1018, 'MR. Chaiya', 'MRS. ChaiyaChaiya', 98763455,00711565,' 78-Putra-HKL');

insert into Family values ( 1019, 'MR. Khadok', 'MRS. Khaddo', 98769955,00710065,' 99-Putra-KL');

insert into Family values ( 1020, 'MR. Cafe', 'MRS. Bufe', 98761115,88887653,' 99-Sungai-KL');

insert into Family values ( 1021, 'MR. Bilai', 'MRS. Kilai', 98761115,88887653,' 99-Sungai-Chilling');

insert into Family values ( 1022, 'MR. Kutta', 'MRS. Vorta', 98765415,88887003,' 9-Sungai-Chilling');

insert into Family values ( 1023, 'MR. Cheyar', 'MRS. Beyar', 9870976,88887097,' D8-Sungai-Chilling');

insert into Family values ( 1024, 'MR. Dhisiya', 'MRS. Dhishum', 9811976,11887097,' D0-Sungai-Chilli');

insert into Family values ( 1025, 'MR. Ghushi', 'MRS. Thushi', 9811998,1188707,' D0-Sungai-Chilli');

insert into Family values ( 1026, 'MR. Latthi', 'MRS. Patti', 9811998,1188707,' 76-Damai');

insert into Family values ( 1027, 'MR. Thaba', 'MRS. Thabra', 9811008,1100707,' 7-Damai');

insert into Family values ( 1028, 'MR. Akash', 'MRS. Batash', 9800008,1100007,' 0-Kedah');

insert into Family values ( 1029, 'MR. Dasbin', 'MRS. Baskett', 9809878,1212007,' 89-Kedah');

insert into Family values ( 1030, 'MR. Fua', 'MRS. Furi', 9229878,1209007,' 89-Sylhet');

insert into Family values ( 1031, 'MR. Gua', 'MRS. Guri', 9229878,1209007,' 19-Sylhet');

insert into Family values ( 1032, 'MR. Kombokt', 'MRS. Bekkol', 9221178,1209807,' 16-Sylhet');

insert into Family values ( 1033, 'MR. Kagoj', 'MRS. Kholom', 0021178,1278807,' 16-Borishal');

insert into Family values ( 1034, 'MR. Mogoj', 'MRS. Mostiskko', 1121178,1270907,' 15-Borishal');

insert into Family values ( 1035, 'MR. Dhisumai', 'MRS. Dhisumaimai', 1121178,1270907,' 11-2-Borishal');

insert into Family values ( 1036, 'MR. Jama', 'MRS. Jamai', 1121178,1270907,' 11-2-Noyakhali');

insert into Family values ( 1037, 'MR. Gadha', 'MRS. Hiyal', 1121178,1270907,' 11-2-Takjasdb');

insert into Family values ( 1038, 'MR. Alu', 'MRS. Khalu', 1121008,1270707,' 11-T-Tarkov');

insert into Family values ( 1039, 'MR. Potol', 'MRS. Petla', 1101008,1670707,' 1-U-Tarkov');

insert into Family values ( 1040, 'MR. Gajor', 'MRS. Halua', 1101008,1670707,' 1-O-Wonderland');

insert into Family values ( 1041, 'MR. Murgi', 'MRS. Roast', 1101908,1600707,' 1-D-Wonderland');

insert into Family values ( 1042, 'MR. Rui', 'MRS. Murighonto', 19932400,16007071,' 1-D-Dhaka');

insert into Family values ( 1043, 'MR. Khashi', 'MRS. Kacchi', 19902400,16807071,' 1-D-PuranDhaka');

insert into Family values ( 1044, 'MR. Mash', 'MRS. Vaji', 19977400,16803371,' 1-4-PuranDhaka');

insert into Family values ( 1045, 'MR. Vat', 'MRS. Polau', 09977400,06803371,' 1-D-Damai');

insert into Staff values ( 500, 'Korola', 'Vaji', 09977400,' 1-D-Damai',5000);

insert into Staff values ( 501, 'Begun', 'Vaji', 09877400,' 1-3-Sungai',5000);

insert into Staff values ( 502, 'Morich', 'Vorta', 09877411,' D-4-Sungai',4000);

insert into Staff values ( 503, 'Chanachur', 'Muri', 09870011,' D-4-Ramai',4500);

insert into Staff values ( 504, 'Fucka', 'Chotpoti', 09330011,'1-Sungaibuloh',3500);

insert into Staff values ( 505, 'Alur', 'Chips', 09390011,'D2-Sungaibuloh',5500);

insert into Staff values ( 506, 'Lebur', 'Shorbot', 09397711,'D2-Sungai',4500);

insert into Staff values ( 507, 'Vapa', 'Pitha', 09397711,'D2-Keluar',5000);

insert into Staff values ( 508, 'Hutki', 'Shira', 09307711,'D2-Sylhet',4000);

insert into Staff values ( 509, 'Lacchi', 'Shemai', 1307711,'D2-Bonoful',4500);

insert into Staff values ( 510, 'Porota', 'Mangsho', 1307711,'2-Llakhal',4500);

insert into Teacher values ( 100, 500, '2-D-12', 'English');

insert into Teacher values ( 101, 501, '2-E-2', 'Math');

insert into Teacher values ( 102, 502, '1-A-4', 'Biology');

insert into Teacher values ( 103, 503, '1-B-2', 'Science');

insert into Teacher values ( 104, 504, '3-E-3', 'Geography');

insert into Teacher values ( 105, 505, '3-E-9', 'Islam');

insert into Teacher values ( 106, 506, '3-E-1', 'Histroy');

insert into Teacher values ( 107, 507, '3-C-4', 'Math');

insert into Teacher values ( 108, 508, '3-C-9', 'Science');

insert into Teacher values ( 109, 509, '1-D-9', 'English\_2');

insert into Teacher values ( 110, 510, '1-D-2', 'Religion');

insert into Class values ( '3-A-S', 'Islam', 105, '10.30');

insert into Class values ( '4-A-S', 'Biology', 102, '11.30');

insert into Class values ( '5-A-S', 'Geography', 104, '1.00');

insert into Class values ( '6-A-S', 'Science', 103, '2.00');

insert into Class values ( '7-A-S', 'History', 106, '3.00');

insert into Class values ( '8-A-S', 'English', 100, '4.00');

insert into Class values ( '1-B-S', 'Islam', 105, '9.00');

insert into Class values ( '2-B-S', 'English\_2', 109, '10.00');

insert into Class values ( '3-B-S', 'Math', 107, '11.00');

insert into Class values ( '4-B-S', 'Religion', 110, '12.00');

insert into Class values ( '5-B-S', 'Science', 110, '2.30');

insert into Class values ( '6-B-S', 'Geography', 104, '3.30');

insert into Student values ( 001, 'Jibon', 'Moron',to\_date('20-DEC-2000'), 01987653,1000,8);

insert into Student values ( 002, 'Prem', 'Valobasha',to\_date('23-FEB-2001'), 01980653,1001,5);

insert into Student values ( 003, 'Thash', 'Thus',to\_date('23-JAN-2003'), 01980653,1002,2);

insert into Student values ( 004, 'Uri', 'Babare',to\_date('12-JUN-2000'), 01980053,1003,8);

insert into Student values ( 005, 'Bapre', 'Bap',to\_date('30-JUN-2002'), 01989053,1004,6);

insert into Student values ( 006, 'Vavago', 'Vava',to\_date('30-SEP-2005'), 01980053,1005,1);

insert into Student values ( 007, 'Khida', 'Lagse',to\_date('12-OCT-1999'), 06380053,1006,8);

insert into Student values ( 008, 'Khaite', 'Ja',to\_date('12-APR-2001'), 01380053,1006,7);

insert into Student values ( 009, 'Prem', 'Korum',to\_date('12-MAR-2002'), 01380053,1006,6);

insert into Student values ( 010, 'Hasaili', 'Mama',to\_date('19-SEP-2003'), 01389953,1007,5);

insert into Student values ( 011, 'Iss', 'KotoShokh',to\_date('21-DEC-2005'), 01389953,1008,3);

insert into Student values ( 012, 'Vallage', 'Na',to\_date('22-JUL-2004'), 01311993,1010,1);

insert into Student values ( 013, 'Mori', 'Jamu',to\_date('03-FEB-2001'), 01311993,1010,6);

insert into Student values ( 014, 'Fifa', 'Khelbi',to\_date('02-JAN-2004'), 01311993,1010,4);

insert into Student values ( 015, 'Chol', 'Hoyejak',to\_date('02-JUN-2003'), 01311993,1015,4);

insert into Student values ( 016, 'Chol', 'Hoyejak',to\_date('02-JUN-2003'), 01311993,1015,4);

insert into Student values ( 017, 'Shala', 'Nub',to\_date('02-JUN-2001'), 01311293,1020,6);

insert into Student values ( 018, 'Vora', 'Khabi',to\_date('09-OCT-2001'), 13311293,1023,7);

insert into Student values ( 019, 'Tui', 'Nuub',to\_date('19-OCT-2003'), 13311293,1025,3);

insert into Student values ( 020, 'Lojja', 'Nai',to\_date('23-JAN-2002'), 1331293,1027,1);

insert into Student values ( 021, 'Hehe', 'Hala',to\_date('22-FEB-2005'), 1331883,1029,2);

insert into Student values ( 022, 'Emne', 'VoraKhaisos',to\_date('22-MAY-1998'), 1300883,1032,8);

insert into Student values ( 023, 'Bal', 'Sal',to\_date('22-MAY-2000'), 1303483,1033,7);

insert into Student values ( 024, 'Chol', 'Khamu',to\_date('10-JUN-2006'), 1303483,1033,1);

insert into Student values ( 025, 'Eto', 'Khaikhai',to\_date('10-JUL-2005'), 1345483,1038,2);

insert into Student values ( 026, 'Thabra', 'Dia',to\_date('12-DEC-2006'), 1345483,1038,3);

insert into Student values ( 027, 'Dat', 'Falaidimu',to\_date('30-May-2001'), 1345483,1041,6);

insert into Student values ( 028, 'Bujhsos', 'Ni',to\_date('31-MAR-2002'), 1342283,1031,4);

insert into Student values ( 029, 'Bujhsos', 'Ni',to\_date('05-APR-2002'), 1342993,1042,2);

insert into Student values ( 030, 'Ki', 'Vabos',to\_date('08-SEP-2001'), 0042993,1044,1);

insert into Student values ( 031, 'Tar', 'Chokh',to\_date('02-FEB-2004'), 0042211,1035,7);

insert into Student values ( 032, 'Totlas', 'Ken',to\_date('12-DEC-2001'), 0042111,1037,1);

insert into Student values ( 033, 'Koitesi', 'Beta',to\_date('12-JUN-2006'), 0042111,1031,2);

insert into Student values ( 034, 'Dekhe', 'Dioyana',to\_date('15-JUN-2005'), 9942111,1024,3);

insert into Student values ( 035, 'Muri', 'Kha',to\_date('11-JUN-2001'), 9942111,1024,8);

insert into Student values ( 036, 'Uri', 'Mama',to\_date('02-DEC-2004'), 01311993,1013,3);

insert into Student values ( 037, 'Maf', 'Kor',to\_date('19-SEP-2003'), 01389953,1008,5);

insert into Student values ( 038, 'Vaglam', 'Ami',to\_date('30-JUN-2002'), 01989053,1004,6);

insert into Result values ('Final',001,'4-A-S',to\_date('30-JUN-2019'),75);

insert into Result values ('Final',002,'4-A-S',to\_date('30-JUN-2019'),70);

insert into Result values ('Final',003,'4-A-S',to\_date('30-JUN-2019'),66);

insert into Result values ('Final',004,'4-A-S',to\_date('30-JUN-2019'),96);

insert into Result values ('Final',005,'4-A-S',to\_date('30-JUN-2019'),89);

insert into Result values ('Final',006,'4-A-S',to\_date('30-JUN-2019'),66);

insert into Result values ('Final',007,'4-A-S',to\_date('30-JUN-2019'),69);

insert into Result values ('Final',008,'4-A-S',to\_date('30-JUN-2019'),71);

insert into Result values ('Final',009,'4-A-S',to\_date('30-JUN-2019'),75);

insert into Result values ('Final',010,'6-A-S',to\_date('30-JUN-2019'),59);

insert into Result values ('Final',011,'6-A-S',to\_date('30-JUN-2019'),54);

insert into Result values ('Final',012,'6-A-S',to\_date('30-JUN-2019'),49);

insert into Result values ('Final',013,'6-A-S',to\_date('30-JUN-2019'),91);

insert into Result values ('Final',013,'3-B-S',to\_date('29-JUN-2019'),80);

insert into Result values ('Final',014,'3-B-S',to\_date('29-JUN-2019'),74);

insert into Result values ('Final',015,'3-B-S',to\_date('29-JUN-2019'),61);

insert into Result values ('Final',016,'3-B-S',to\_date('29-JUN-2019'),69);

insert into Result values ('Final',017,'3-B-S',to\_date('29-JUN-2019'),74);

insert into Result values ('Final',018,'3-B-S',to\_date('29-JUN-2019'),66);

insert into Result values ('Final',019,'3-B-S',to\_date('29-JUN-2019'),99);

insert into Result values ('Final',020,'3-B-S',to\_date('29-JUN-2019'),30);

insert into Result values ('Final',021,'6-A-S',to\_date('29-JUN-2019'),75);

insert into Result values ('Final',022,'6-A-S',to\_date('29-JUN-2019'),80);

insert into Result values ('Final',023,'6-A-S',to\_date('29-JUN-2019'),70);

insert into Result values ('Final',024,'6-A-S',to\_date('29-JUN-2019'),53);

insert into Result values ('Final',023,'6-A-S',to\_date('29-JUN-2019'),56);

insert into Result values ('Final',030,'6-A-S',to\_date('29-JUN-2019'),71);

insert into Result values ('Final',030,'3-A-S',to\_date('28-JUN-2019'),72);

insert into Result values ('Final',030,'4-A-S',to\_date('27-JUN-2019'),90);

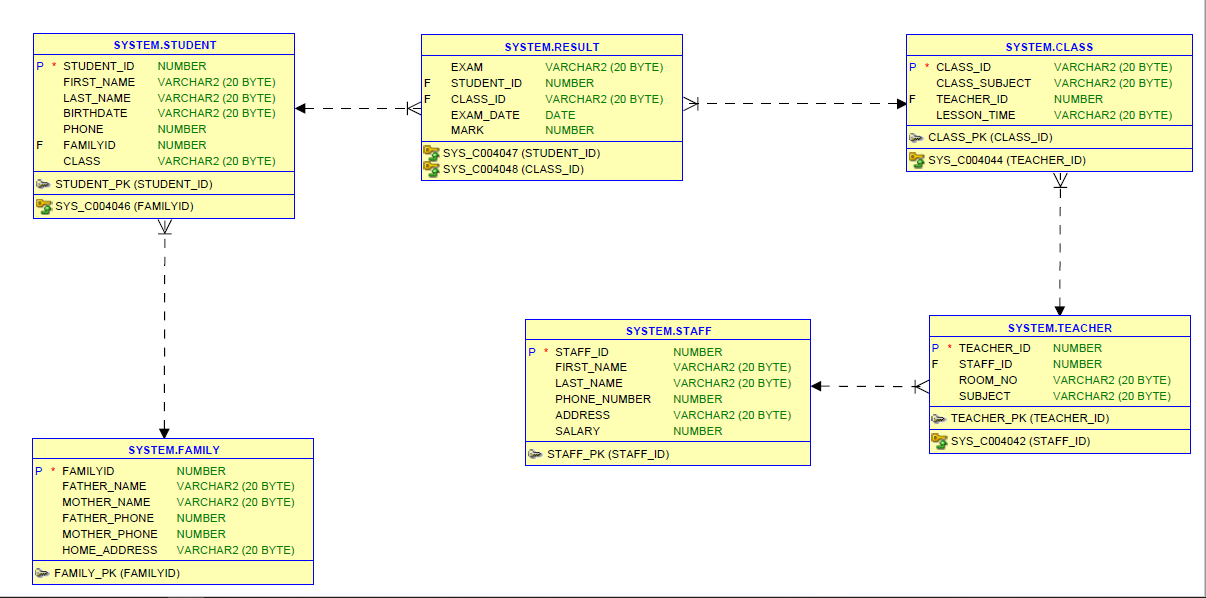
insert into Result values ('Final',030,'8-A-S',to\_date('28-JUN-2019'),81);

insert into Result values ('Final',030,'3-B-S',to\_date('30-JUN-2019'),86);

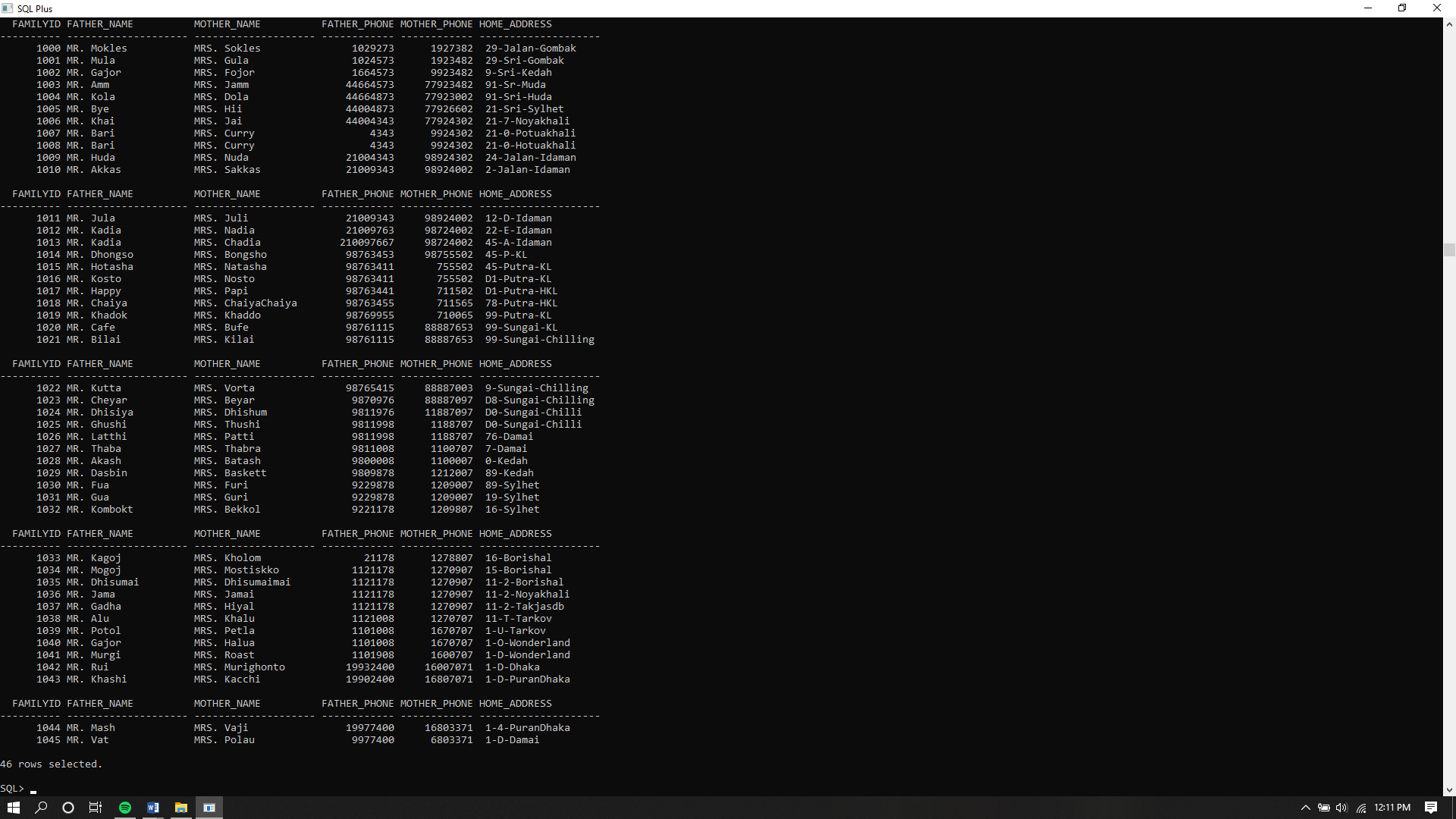
insert into Result values ('Final',030,'5-B-S',to\_date('25-JUN-2019'),69);

insert into Result values ('Final',030,'2-B-S',to\_date('26-JUN-2019'),83);

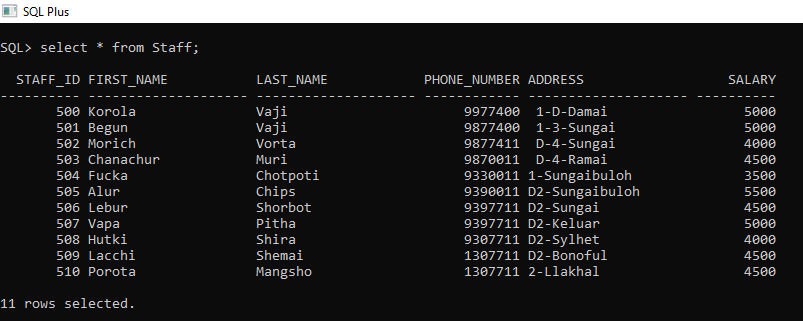
**ER Diagram:**



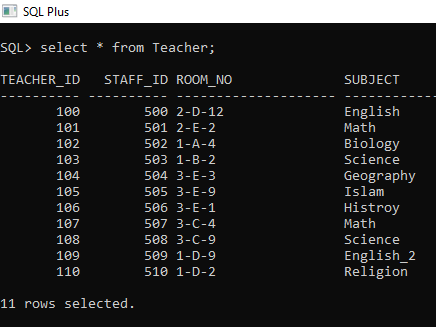
select \* from Family;



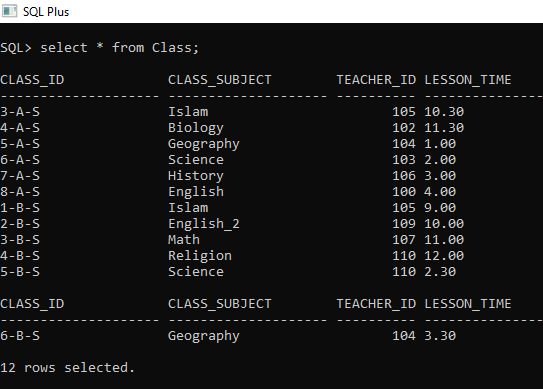
Select \* from Staff;



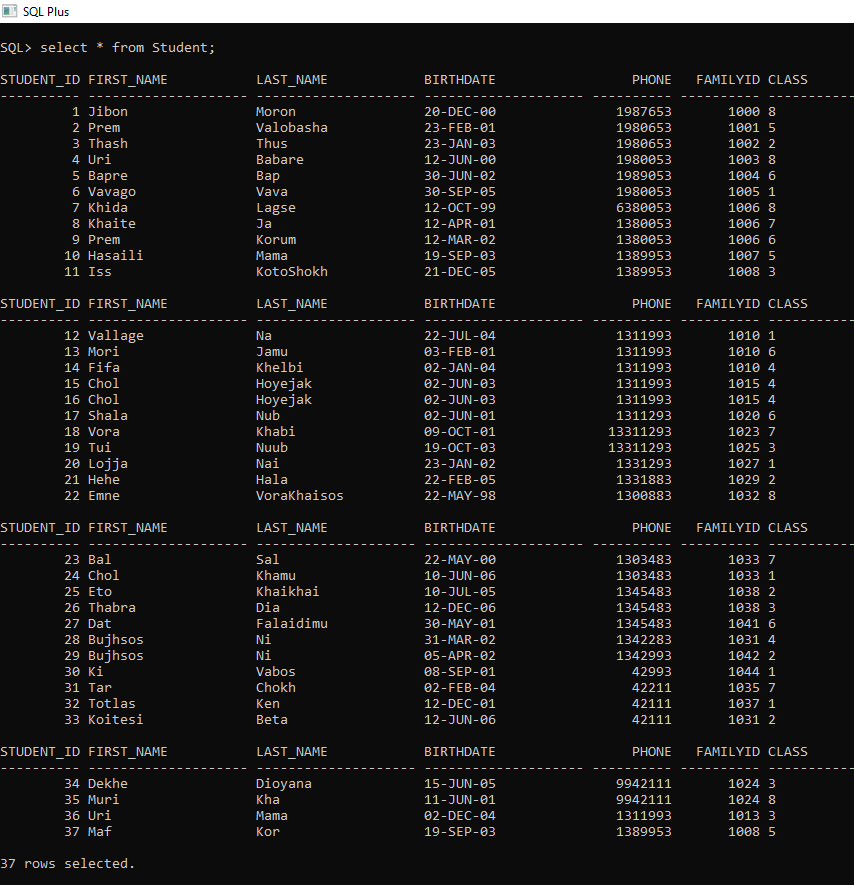
Select \* from Teacher;



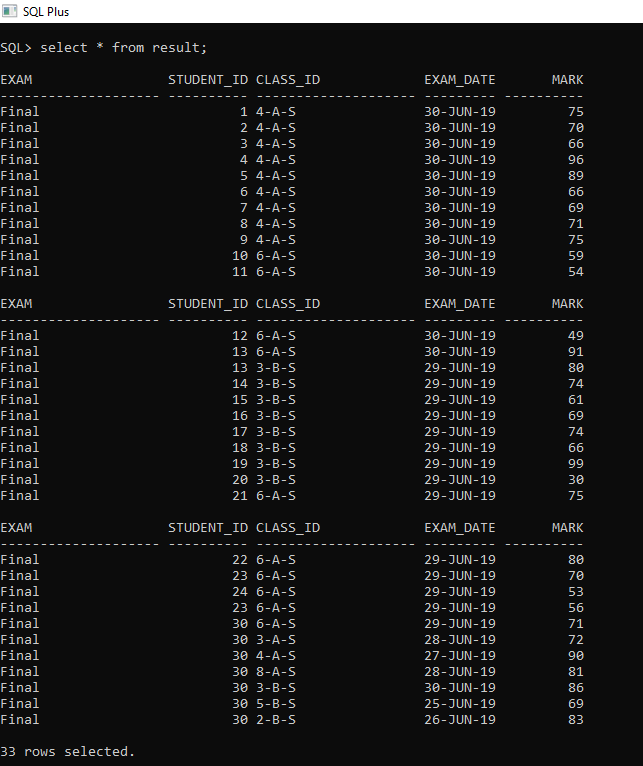
Select \* from Class:



Select \* from Student;



Select \* from Result;



**Query:**

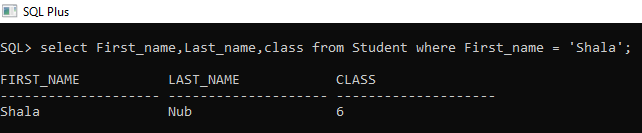
**Insert:**

insert into Student values ( 040, 'Hayre', 'Kopal',to\_date('22-FEB-2001'), 019876853,1023,6);



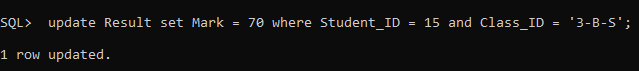
**Select Statement :**

select First\_name,Last\_name,class from Student where First\_name = 'Shala';



**Update:**

update Result set Mark = 70 where Student\_ID = 15 and Class\_ID = '3-B-S';



**Delete:**

delete from result where Mark>98;



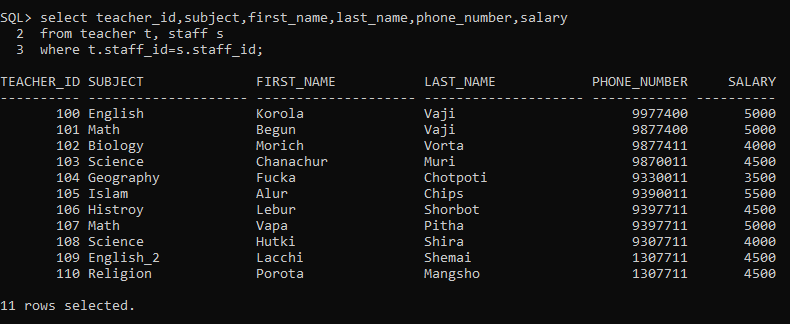
**Join:**

Show which student is under which subject and teacher id and that teacher’s salary:

select teacher\_id,subject,first\_name,last\_name,phone\_number,salary

from teacher t, staff s

where t.staff\_id=s.staff\_id;



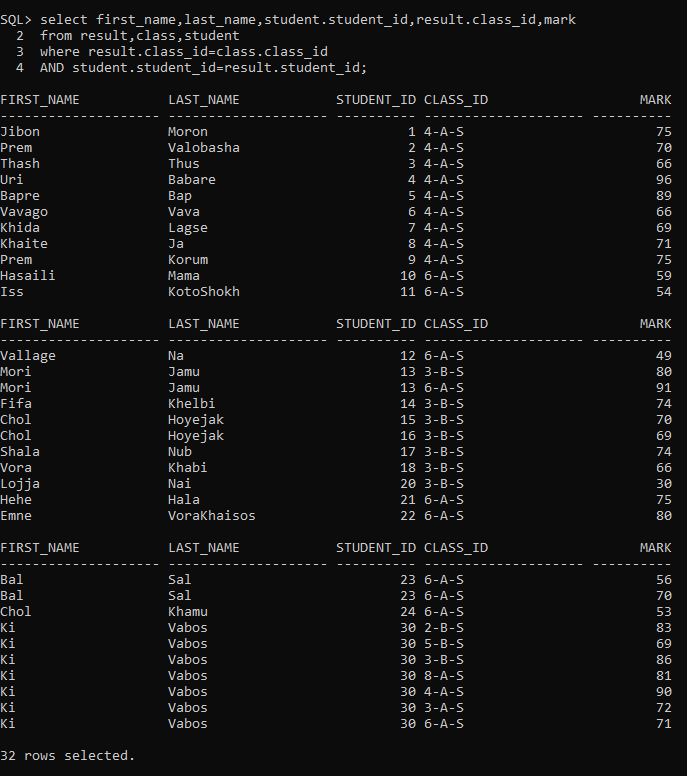
Show student details with their marks and classes:

select first\_name,last\_name,student.student\_id,result.class\_id,mark

from result,class,student

where result.class\_id=class.class\_id

AND student.student\_id=result.student\_id;



**View:**

drop view info;

create view info

as select staff\_id,first\_name,last\_name,phone\_number from staff

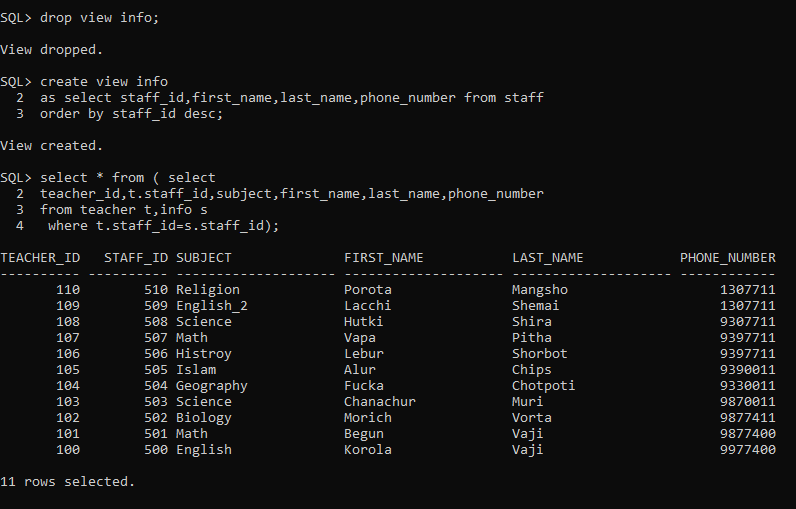
order by staff\_id desc;

select \* from ( select

teacher\_id,t.staff\_id,subject,first\_name,last\_name,phone\_number

from teacher t,info s

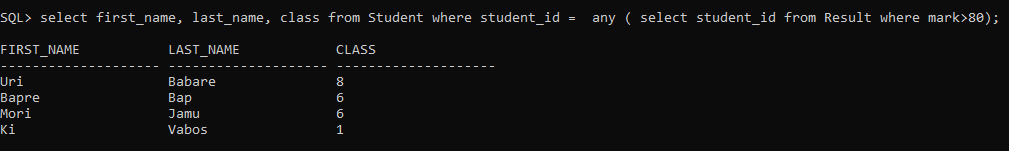
where t.staff\_id=s.staff\_id);



**Subquery:**

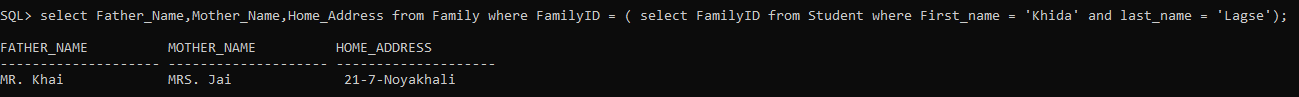
Get students name who get more than 80 marks:

select first\_name, last\_name, class from Student where student\_id = any ( select student\_id from Result where mark>80);



Get specific students family info:

select Father\_Name,Mother\_Name,Home\_Address from Family where FamilyID = ( select FamilyID from Student where First\_name = 'Khida' and last\_name = 'Lagse');



**PROOCEDURES**

To get students father’s and mother’s name by inserting family id:

create or replace procedure pro1(c\_family\_ID family.familyid%TYPE) IS

fathername varchar2(20);

mothername varchar2(20);

phone number;

home\_add varchar2(20);

BEGIN

select father\_name,mother\_name,father\_phone,home\_address into fathername,mothername,phone,home\_add

from family

where c\_family\_ID=familyid;

dbms\_output.put\_line('Father Name: '||fathername);

dbms\_output.put\_line('Mother Name: '||mothername);

dbms\_output.put\_line('Phone Number: '||phone);

dbms\_output.put\_line('Address: '||home\_add);

end;

/

--ANONYMOUS BLOCK

--===========================

ACCEPT famID PROMPT 'Enter the family ID: '

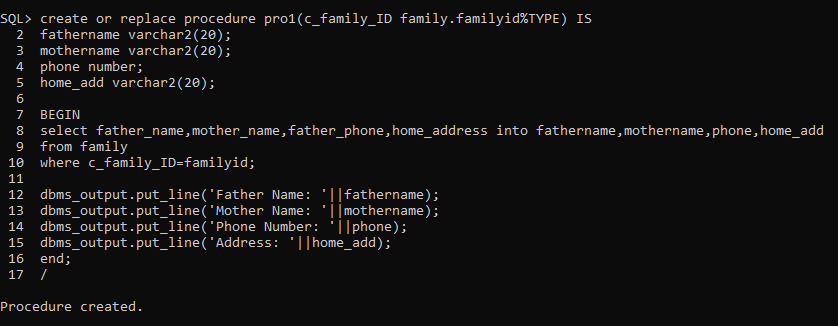
begin

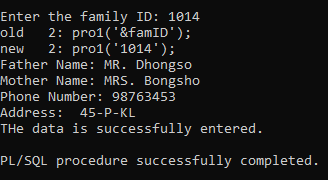
pro1('&famID');

dbms\_output.put\_line('THe data is successfully entered.');

end;

/





Inserting a new row in staff table:

create or replace procedure newval

(s\_staff\_id staff.staff\_id%TYPE,

s\_first\_name staff.first\_name%TYPE,

s\_last\_name staff.last\_name%TYPE,

s\_staff\_phone staff.phone\_number%TYPE,

s\_address staff.address%TYPE,

s\_salary staff.salary%TYPE

) IS

BEGIN

INSERT INTO staff (staff.staff\_id,staff.first\_name,staff.last\_name,staff.phone\_number,staff.address,staff.salary)

VALUES (s\_staff\_id,s\_first\_name,s\_last\_name,s\_staff\_phone,s\_address,s\_salary);

DBMS\_OUTPUT.PUT\_LINE('Data successfully added');

END;

/

--ANONYMOUS BLOCK

--===========================

ACCEPT s\_staff\_id prompt 'ENTER Staff ID: '

ACCEPT s\_first\_name prompt 'ENTER FIRST NAME: '

ACCEPT s\_last\_name prompt 'ENTER LAST NAME: '

ACCEPT s\_staff\_phone prompt 'ENTER PHONE NO: '

ACCEPT s\_address prompt 'ENTER ADDRESS: '

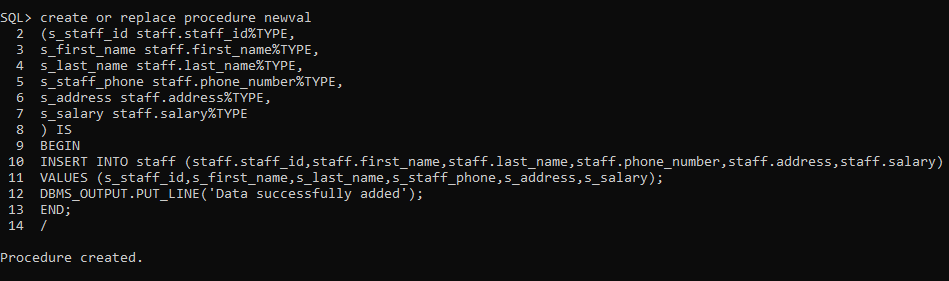
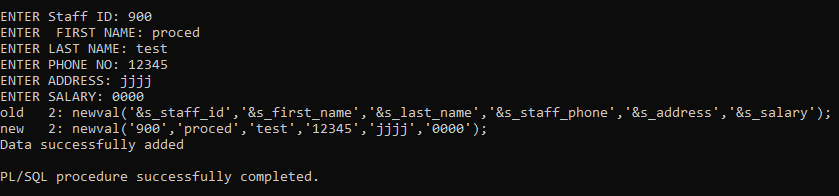
ACCEPT s\_salary prompt 'ENTER SALARY: '

BEGIN

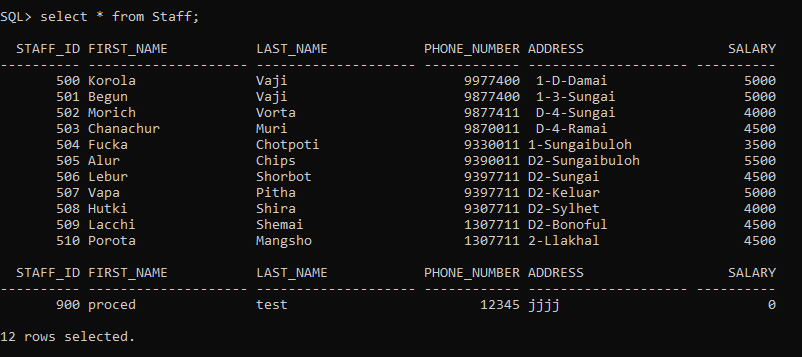
newval('&s\_staff\_id','&s\_first\_name','&s\_last\_name','&s\_staff\_phone','&s\_address','&s\_salary');

END;

/

After updating Staff table:



**FUNCTIONS:**

Giving students result by inserting student id and class id:

CREATE OR REPLACE FUNCTION grading

(stud\_id in number,c\_id in varchar2)

return varchar2

is

m\_mark number;

grade varchar2(2);

BEGIN

select mark into m\_mark

from result

where stud\_id=result.student\_id

AND c\_id=result.class\_id;

if m\_mark>0 AND m\_mark<49 then grade:='F';

elsif m\_mark>=50 AND m\_mark<=59 then grade:='C';

elsif m\_mark>=60 AND m\_mark<=69 then grade:='B';

elsif m\_mark>=70 AND m\_mark<=79 then grade:='A-';

elsif m\_mark>=80 AND m\_mark<=100 then grade:='A';

end if;

return(grade);

end;

/

--ANONYMOUS BLOCK

--===========================

ACCEPT stud\_id prompt 'Enter Student ID:'

ACCEPT c\_id prompt 'Enter c\_id ID:'

declare

stud\_id number;

c\_id varchar2(20);

BEGIN

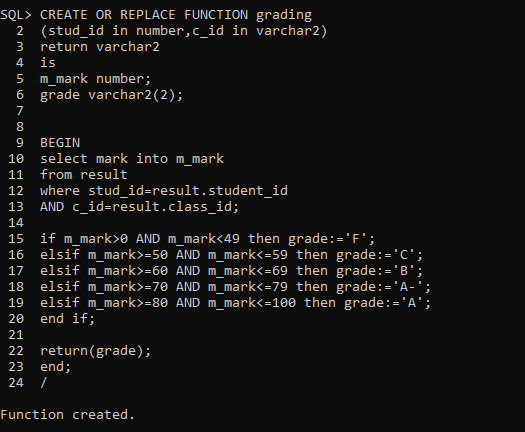
stud\_id:=&stud\_id;

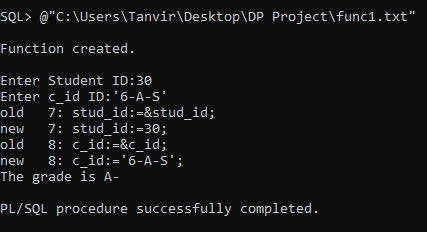
c\_id:=&c\_id;

DBMS\_OUTPUT.put\_line('The grade is '||grading(stud\_id,c\_id));

END;

/





Get how many students in a class by giving class id:

CREATE OR REPLACE FUNCTION tota\_stud

(cls\_id in varchar2)

return number

is

s\_id number;

BEGIN

select count(student\_id) into s\_id

from result

where cls\_id=result.class\_id;

return(s\_id);

end;

/

--ANONYMOUS BLOCK

--===========================

ACCEPT cls\_id prompt 'Enter Class ID:'

declare

cls\_id varchar2(20);

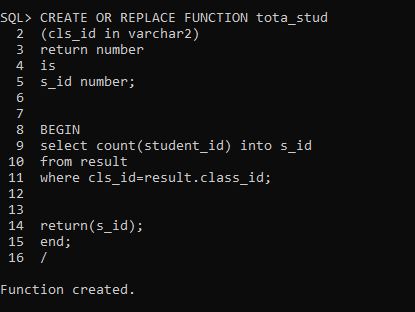
BEGIN

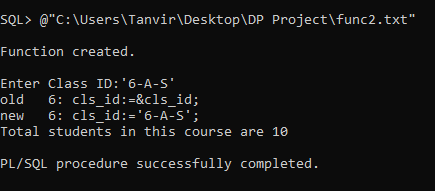
cls\_id:=&cls\_id;

DBMS\_OUTPUT.put\_line('Total students in this course are '||tota\_stud(cls\_id));

END;

/





**IMPLICIT CURSOR:**

To delete specific student details by giving student id:

BEGIN

DELETE FROM result

where student\_id=030;

IF SQL%NOTFOUND THEN

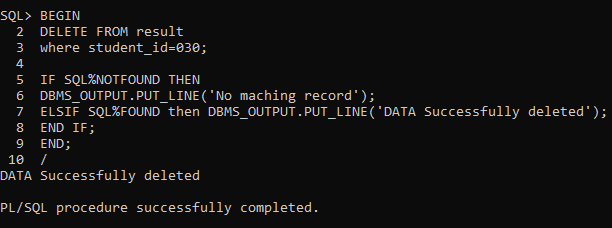
DBMS\_OUTPUT.PUT\_LINE('No maching record');

ELSIF SQL%FOUND then DBMS\_OUTPUT.PUT\_LINE('DATA Successfully deleted');

END IF;

END;

/



**EXPLICIT CURSOR:**

Get specific students exam results by giving student id:

Declare

r\_student\_id result.student\_id%TYPE;

r\_class\_id result.class\_id%TYPE;

r\_exam\_date result.exam\_date%TYPE;

r\_mark result.mark%TYPE;

CURSOR result\_cursor IS

select student\_id,class\_id,exam\_date,mark

from result;

BEGIN

OPEN result\_cursor;

LOOP

FETCH result\_cursor into r\_student\_id,r\_class\_id,r\_exam\_date,r\_mark;

EXIT WHEN result\_cursor%ROWCOUNT >5 OR

result\_cursor%NOTFOUND;

DBMS\_OUTPUT.PUT\_LINE

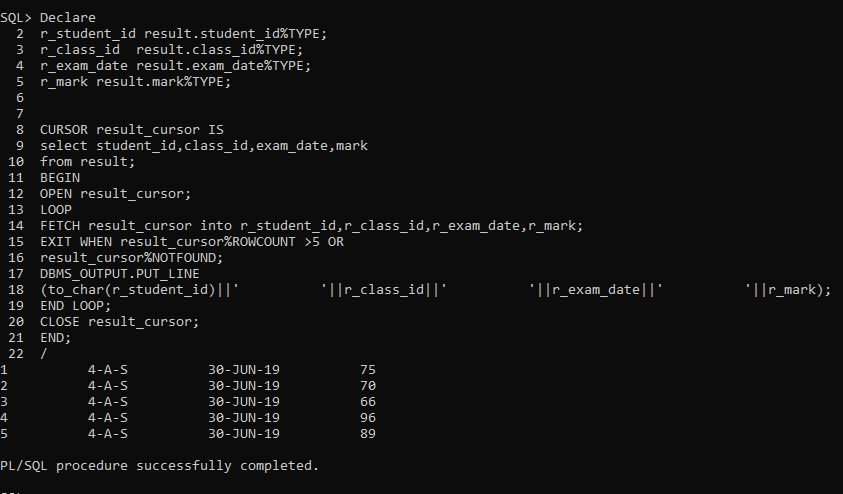
(to\_char(r\_student\_id)||' '||r\_class\_id||' '||r\_exam\_date||' '||r\_mark);

END LOOP;

CLOSE result\_cursor;

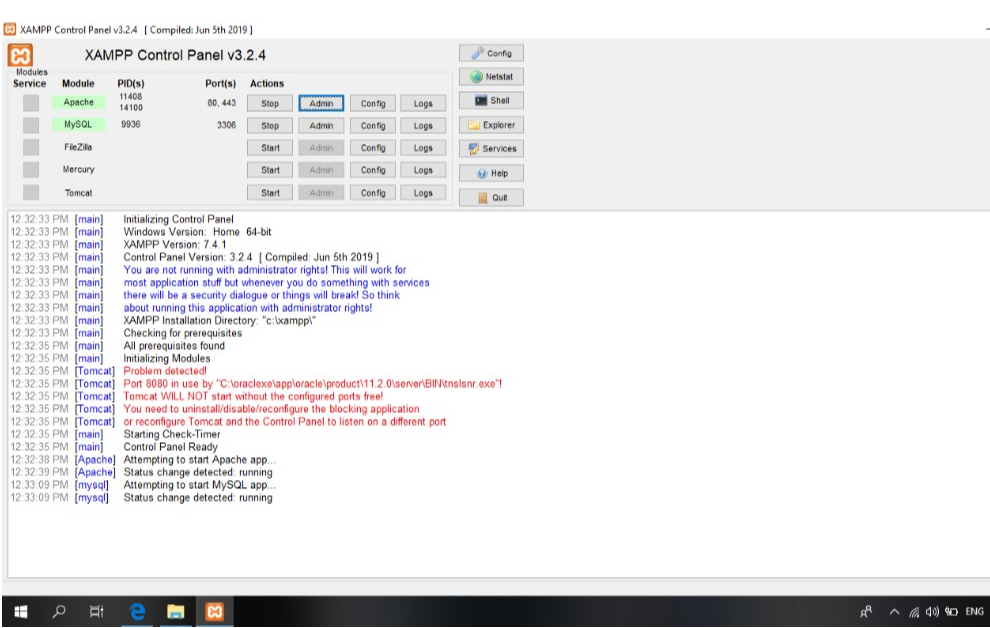
END;

/

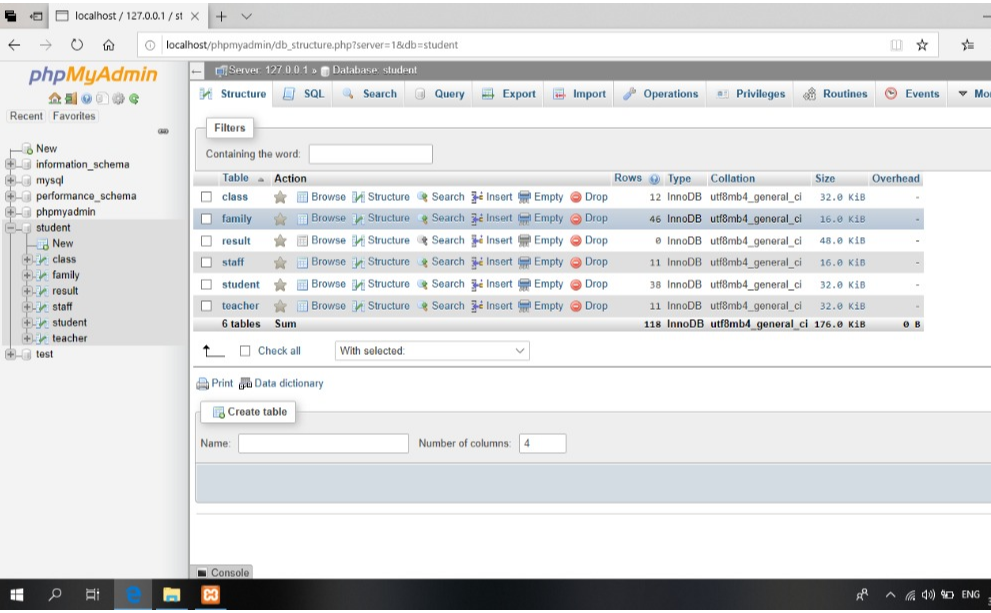


**Task – 9 Web implementation:**

Connection in XAMPP:

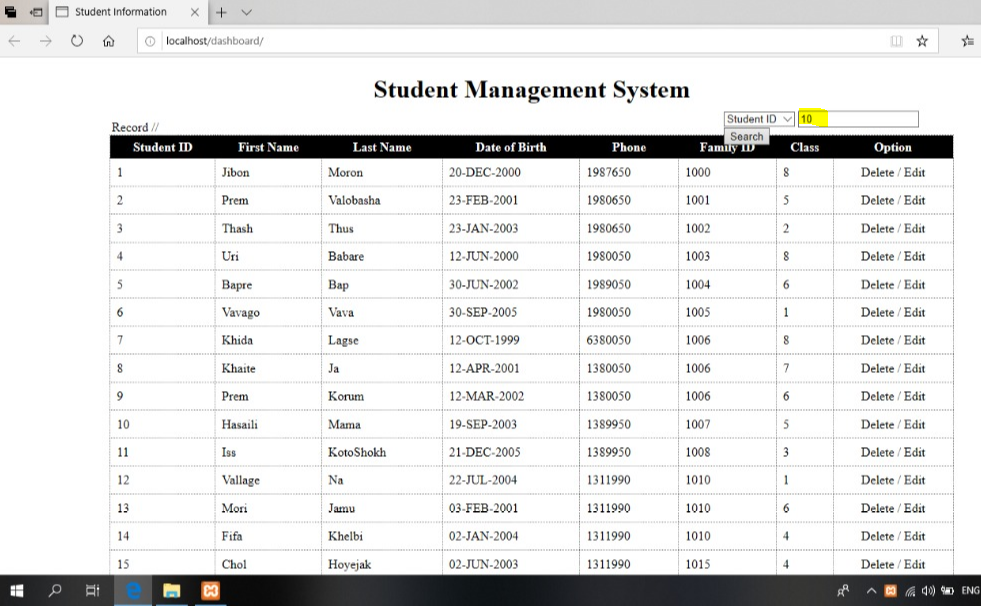


Tables in XAMPP:



Student table:

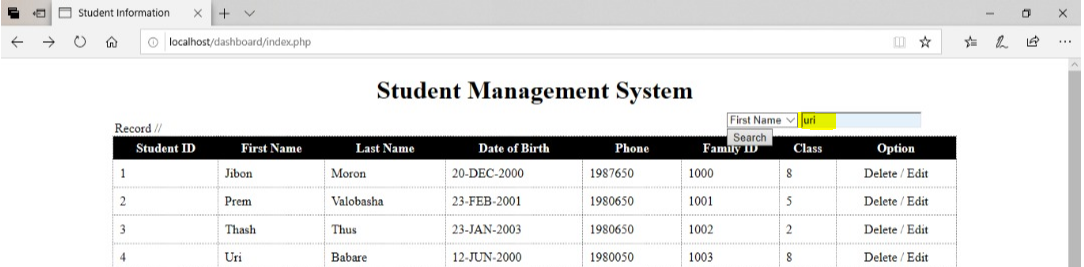
Search by student id:



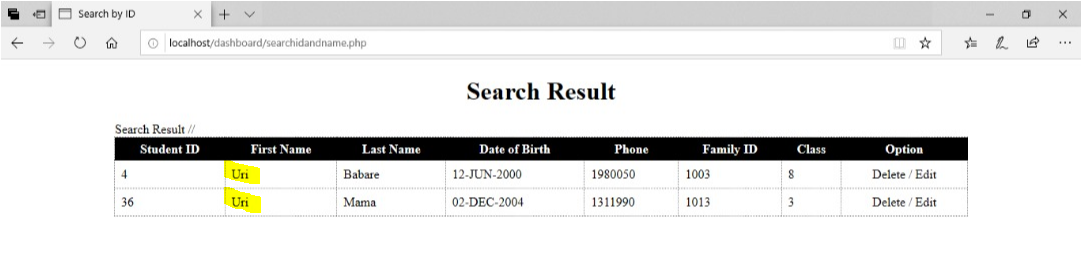
Result:



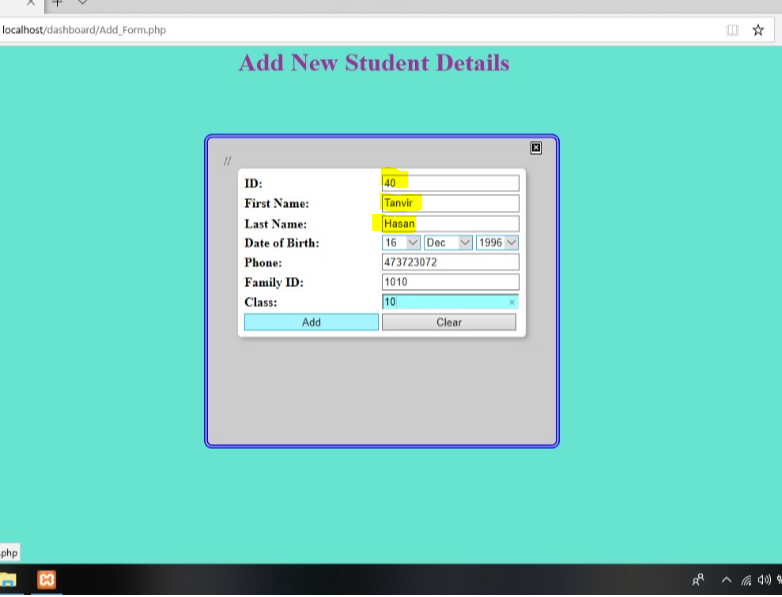
Search by student name:



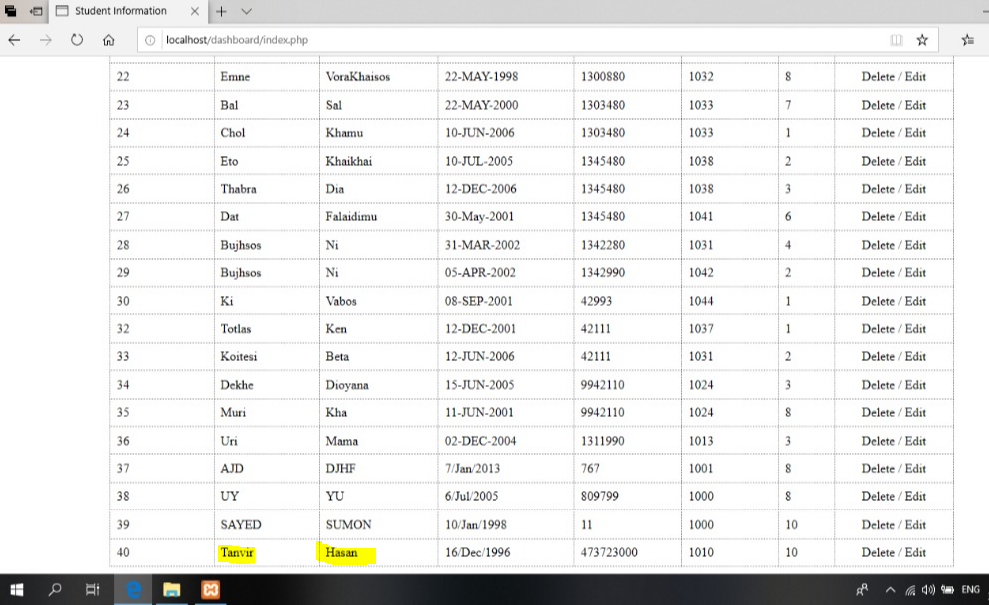
Result:



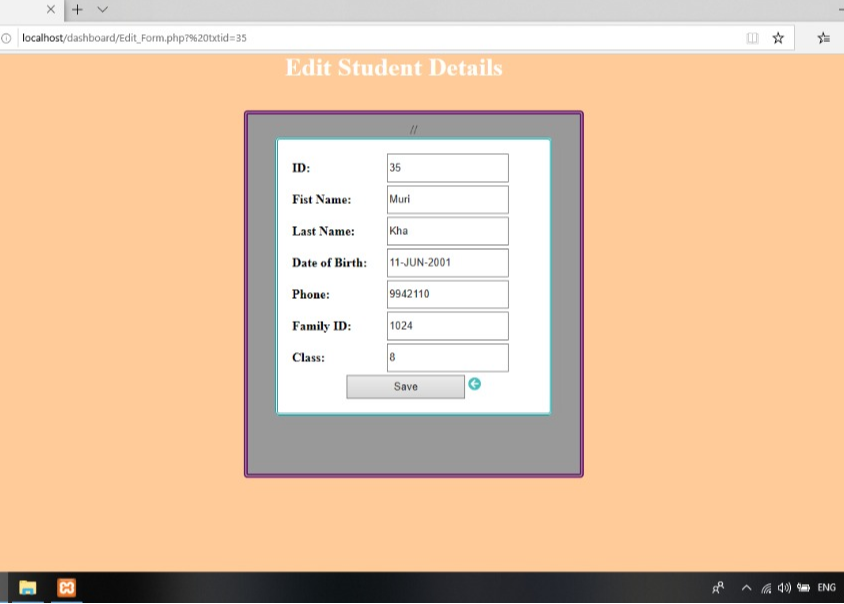
Insert new student:



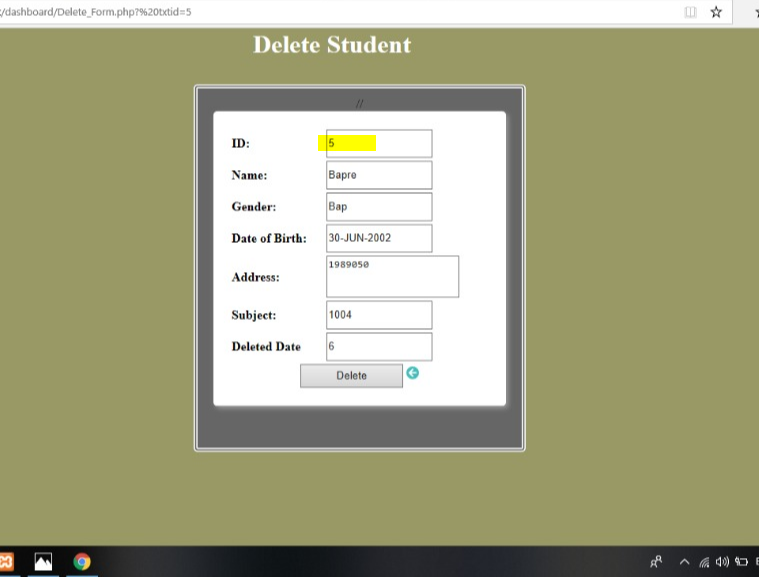
Result:



Edit student details:



Delete student:



Result:

