drop table if exists alumnos;

create table alumnos

(

codigo int(6),

nombre varchar(30),

telefono varchar(9),

edad int(3),

primary key(codigo)

);

drop table if exists mayores\_edad;

create table mayores\_edad

(

cod\_alum int(6),

edad\_alum int(3),

primary key (cod\_alum)

);

drop table if exists menores\_edad;

create table menores\_edad

(

cod\_alum int(6),

edad\_alum int(3),

primary key (cod\_alum)

);

delimiter |

create trigger insertar\_alumno after insert on alumnos

for each row begin

if new.edad >= 18 then

insert into mayores\_edad values (new.codigo, new.edad);

else

insert into menores\_edad values (new.codigo, new.edad);

end if;

end;

|

delimiter;

delimiter |

create trigger borrar\_alumno after delete on alumnos

for each row begin

if old.edad >= 18 then

delete from mayores\_edad where cod\_alum = old.codigo;

else

delete from menores\_edad where cod\_alum = old.codigo;

end if;

end;

|

delimiter;

delimiter |

create trigger modificar\_alumno after update on alumnos

for each row begin

if old.codigo = new.codigo then

if old.edad <> new.edad then

if (old.edad >= 18) and (new.edad >= 18) then

update mayores\_edad set edad\_alum = new.edad where cod\_alum = old.codigo;

elseif (old.edad < 18) and (new.edad < 18) then

update menores\_edad set edad\_alum = new.edad where cod\_alum = old.codigo;

elseif (old.edad < 18) and (new.edad >= 18) then

delete from menores\_edad where (cod\_alum = old.codigo);

insert into mayores\_edad values (new.codigo, new.edad);

else

delete from mayores\_edad where (cod\_alum = old.codigo);

insert into menores\_edad values (new.codigo, new.edad);

end if;

end if;

else

if (old.edad < 18) then

delete from menores\_edad where (cod\_alum = old.codigo);

else

delete from mayores\_edad where (cod\_alum = old.codigo);

end if;

if (new.edad < 18) then

insert into menores\_edad values (new.codigo, new.edad);

else

insert into mayores\_edad values (new.codigo, new.edad);

end if;

end if;

end;

|

delimiter;

insert into alumnos values (1000, 'Pedro López', 123456789, 15);

insert into alumnos values (1001, 'Ana Guridi', 123456789, 25);

insert into alumnos values (1002, 'Asier Bermudez', 123456789, 18);

insert into alumnos values (1003, 'Belinda Bengoetxea', 123456789, 35);

insert into alumnos values (1004, 'Juan Marínez', 123456789, 16);

insert into alumnos values (1005, 'Luisa González', 123456789, 17);

insert into alumnos values (1006, 'Félix Rodríguez', 123456789, 23);

insert into alumnos values (1007, 'Claudia Gil', 123456789, 15);

select \* from alumnos;

select \* from mayores\_edad;

select \* from menores\_edad;

update alumnos set edad = 24 where codigo = 1001;

update alumnos set edad = 12 where codigo = 1004;

update alumnos set edad = 13 where codigo = 1006;

update alumnos set edad = 23 where codigo = 1006;

update alumnos set codigo = 1015 where codigo = 1005;

update alumnos set codigo = 1016 where codigo = 1006;

update alumnos set codigo = 1005, edad = 16 where codigo = 1015;

update alumnos set codigo = 1006, edad = 13 where codigo = 1016;

delete from alumnos where codigo = 1002;

delete from alumnos where codigo = 1000;

SELECT \* FROM alumnos a;

SELECT \* FROM alumnos a;

SELECT \* FROM mayores\_edad m;

SELECT \* FROM menores\_edad m;

show triggers;

drop trigger modificar\_alumno;