

**create sequence auto_id //child
start with 1
increment by 1
minvalue 1
maxvalue 20
cycle
cache 2;**

**create sequence auto_aid //adopt_person_details
start with 20
increment by 1
minvalue 20
maxvalue 40
cycle
cache 2;**

**create sequence auto_did // guardian_details
start with 40
increment by 1
minvalue 40
maxvalue 60
cycle
cache 2;**

```
create table guardian_details
( did int primary key,
  dname varchar2(15),
  daadhaar varchar2(12) check(length(daadhaar)=12),
  daddress varchar2(15) not null
);
```

```
create table adopt_person_details
( adid int primary key,
  aname varchar2(15),
  aaadhaar varchar2(12) check(length(aaadhaar)=12),
  aaddress varchar2(15) not null,
  annual_salary int check (annual_salary>=200000),
  cdate date
);
```

```
create table child_details
(
  cid int primary key,
  cname varchar2(15) not null,
  cage int,
  gender varchar2(1) not null,
  height varchar2(3),
  weight varchar2(2),
  ishandicap varchar2(10),
  did int not null,
  constraint fk_child_did
  foreign key(did)
  references guardian_details(did),
  datearrvial date not null,
  adid int,
  constraint fk_child_adid
  foreign key(adid)
  references adopt_person_details(adid),
  dateadopted date
);
```

```
insert into guardian_details
values(auto_id.nextval,'Jenifer','229412254315','Mankhurd');
insert into guardian_details values(auto_id.nextval,'Shivam','239894562115','Worli');
insert into guardian_details values(auto_id.nextval,'Supriya','245273676835','Thane');
insert into guardian_details
values(auto_id.nextval,'Abdullah','157453212353','Panvel');
insert into guardian_details
values(auto_id.nextval,'Kavya','248354421215','Kharghar');
insert into guardian_details
values(auto_id.nextval,'Mohsin','264747674738','Andheri');
insert into guardian_details
values(auto_id.nextval,'Vikram','254637211498','Bandra');
insert into guardian_details values(auto_id.nextval,'Akshay','243566637783','Airoli');
insert into guardian_details
values(auto_id.nextval,'Arisha','546727392923','Ghatkopar');
insert into guardian_details values(auto_id.nextval,'Priya','653246332778','Dadar');
```

```
-----
insert into adopt_person_details
values(auto_id.nextval,'Farhan','239454134315','Ghatkopar',500000,'12/Jan/2022');
insert into adopt_person_details
values(auto_id.nextval,'Ananya','256298463772','Vashi',450000,'20/Mar/2022');
insert into adopt_person_details
values(auto_id.nextval,'Vaibhav','432545561755','Seawoods',600000,'19/Jan/2021');
insert into adopt_person_details
values(auto_id.nextval,'Shilpa','345662671787','Mankhurd',350000,'31/Jul/2021');
```

```
-----
insert into child_details
values(auto_id.nextval,'Sumaiya',10,'F','3.1','43','Y',40,'20/Dec/2019',20,'12/Jan/2020');
insert into child_details
values(auto_id.nextval,'Akash',11,'M','3.0','30','N',41,'13/May/2020','','');
insert into child_details
values(auto_id.nextval,'Shivangi',10,'F','3.1','43','N',42,'20/Dec/2020','','');
insert into child_details
values(auto_id.nextval,'Kartik',9,'M','2.9','26','N',45,'01/Jun/2019','','');
```

```

insert into child_details
values(auto_id.nextval,'Karishma',6,'F','2.5','25','Y',43,'30/Sep/2018','23','20/Mar/2022
');
insert into child_details
values(auto_id.nextval,'Roshan',12,'M','3.1','37','N',48,'02/Sep/2021','','');
insert into child_details
values(auto_id.nextval,'Nitin',3,'M','1.9','15','N',44,'10/Apr/2018',21,'31/Jul/2021');
insert into child_details
values(auto_id.nextval,'Reena',5,'F','2.5','19','N',49,'28/Mar/2017','','');
insert into child_details
values(auto_id.nextval,'Simran',4,'F','2.0','17','N',47,'18/May/2019','','');
insert into child_details
values(auto_id.nextval,'Aarohi',9,'F','3.0','24','N',46,'20/Dec/2018','','');
-----

desc child_details;
desc guardian_details;
desc adopt_person_details;
-----

set linesize 500
select * from child_details;
select * from guardian_details;
select * from adopt_person_details;
-----

set serveroutput on;

-----The adopted student are-----
select * from child_details
where dateadopted is not null;

-----no of female and no. of male-----
select gender,count(gender) from child_details
group by gender;

-----Adopted child by gender(male)-----
select a.aname,c.cname,c.gender from child_details c,adopt_person_details a where
c.adid=a.adid and c.gender='M';

```

-----Adopted child by gender(female)-----

```
select a.aname,c.cname,c.gender from child_details c,adopt_person_details a where  
c.adid=a.adid and c.gender='F';
```

--difference between dateadopted to datearrival -----

```
select cname,floor(c.dateadopted-c.datearrival) as "No. of days",  
ceil((c.dateadopted-c.datearrival)/30) as "No. of months",  
extract(year from dateadopted)-extract(year from datearrival) as "No. of year" from  
child_details c where dateadopted is not null;
```

--details of guardian who have drop the child-----

```
select c.cname,g.did,g.dname,g.daddress,g.daadhaar  
from child_details c,guardian_details g where g.daadhaar like '%_____2115';
```

--child name ,Guardian name,adopt person-----

```
select c.cid,c.cname,d.dname,a.aname  
from child_details c,guardian_details d,adopt_person_details a  
where c.did=d.did and a.adid=c.adid;
```

-----To update the child details table,-----

-----insert the value in adoption table-----

```
create or replace package pkg_adopt
```

```
is  
procedure updaterecord(id child_details.cid%type,ad_id  
adopt_person_details.adid%type);  
procedure insertrecord(id child_details.cid%type);  
end pkg_adopt;
```

/

```
create or replace package body pkg_adopt
```

```
is  
procedure updaterecord(id child_details.cid%type,  
ad_id adopt_person_details.adid%type)
```

```

is
BEGIN
update child_details set adid=ad_id,dateadopted=sysdate where cid=id;
IF sql%found THEN
dbms_output.put_line('Record is updated');
ELSE
dbms_output.put_line('Record not found');
END IF;
END updaterecord;

```

```

procedure insertrecord(id child_details.cid%type)
is
name adopt_person_details.aname%type;
aadhaar adopt_person_details.aaadhaar%type;
address adopt_person_details.aaddress%type;
sal adopt_person_details.annual_salary%type;
BEGIN
insert into adopt_person_details
values(auto_aid.nextval,'&name','&aadhaar','&address',&sal,sysdate);
commit;
END insertrecord;
END pkg_adopt;
/

```

```

DECLARE
child_id child_details.cid%type;
ad_id adopt_person_details.adid%type;
BEGIN
child_id:=&child_id;
ad_id:=&ad_id;
pkg_adopt.insertrecord(child_id);
pkg_adopt.updaterecord(child_id,ad_id);
END;
/
select * from child_details;
select * from adopt_person_details;

```

DECLARE

age number;

temp child_details%rowtype;

BEGIN

for i in (select * into temp from child_details where cage<=&age and dateadopted is null)loop

dbms_output.put_line(i.cid||' '||i.cname||' '||

i.cage||' '||i.datearrvial);

End loop;

END;

/

drop package pkg_adopt;

drop sequence auto_id;

drop sequence auto_did;

drop sequence auto_aid;

drop table child_details;

drop table adopt_person_details;

drop table guardian_details;

FIGMA PROTOTYPE LINK:

<https://www.figma.com/proto/uAE9D1RPI1eMUa3fJn2BzK/OMS?page-id=0%3A1&type=design&node-id=6-15&viewport=175%2C160%2C0.05&scaling=scale-down&starting-point-node-id=6%3A15>