--1

create table Podrazdeleniye(pod\_id number,

podrazdeleniye varchar2(100),

constraint podraz\_pk Primary key (pod\_id))

create table doljnost(dolj\_id number,

doljnost varchar2(100),

constraint dolj\_pk Primary key (dolj\_id))

create table sotrudnik(sot\_id number,

surname varchar2(50),

name varchar2(50),

father\_name varchar2(50),

birthday date,

constraint sot\_pk Primary key (sot\_id))

create table shtat(shtat\_id number,

pod\_id number,

sot\_id number ,

dolj\_id number ,

constraint pod\_fk foreign key (pod\_id) references Podrazdeleniye(pod\_id),

constraint sot\_fk foreign key(sot\_id) references sotrudnik(sot\_id),

constraint dolj\_fk foreign key(dolj\_id) references doljnost(dolj\_id)

)

insert into sotrudnik values( 1, 'Almakhan', 'Serik', 'B', to\_date('18/08/1997', 'dd/mm/yyyy'))

insert into sotrudnik values( 2, 'Vasya', 'Pupkin', 'S', to\_date('29/08/1995', 'dd/mm/yyyy'))

insert into sotrudnik values( 3, 'Zhanabek', 'Nurzat', 'D', to\_date('2/09/1982', 'dd/mm/yyyy'))

insert into sotrudnik values( 4, 'Babishev', 'Abzal', 'Q', to\_date('30/08/1977', 'dd/mm/yyyy'))

insert into sotrudnik values( 5, 'Madesh', 'Kaldibay', 'A', to\_date('2/08/1957', 'dd/mm/yyyy'))

insert into doljnost values(1, 'Director')

insert into doljnost values(2, 'Manager')

insert into doljnost values(3, 'Hr')

insert into doljnost values(4, 'Developer')

insert into doljnost values(5, 'Security')

insert into Podrazdeleniye values(1, 'DSM')

insert into Podrazdeleniye values(2, 'BI developers')

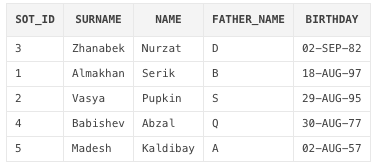
insert into shtat values(1, 1, 1,1)

insert into shtat values(2, 1, 2,2)

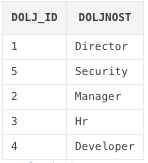
insert into shtat values(3, 2, 3,3)

insert into shtat values(4, 2, 4,4)

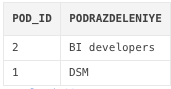
insert into shtat values(5, 1, 5,5)

select \* from sotrudnik

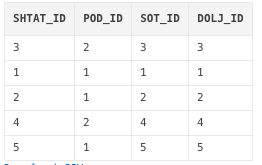
select \* from doljnost



select \* from Podrazdeleniye



select \* from shtat



--2 Подразделение и количество штатов в подразделение

select a.podrazdeleniye, count(b.pod\_id) as shtat

from shtat b

inner join Podrazdeleniye a

on a.pod\_id = b.pod\_id

group by a.podrazdeleniye

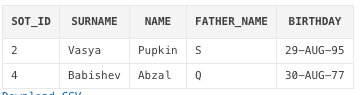


--4

select \* from sotrudnik

where mod((birthday-trunc(birthday,'yyyy'))+(add\_months(trunc(sysdate,'year'),12)-trunc(sysdate,'year'))

- (sysdate-trunc(sysdate,'year')),(add\_months(trunc(sysdate,'year'),12)-trunc(sysdate,'year')) ) < 3



--5

select concat(concat(substr(d.surname,0,1),'.'),(d.name)) as name, b.doljnost, c.podrazdeleniye

from shtat a

inner join sotrudnik d

on a.sot\_id = d.sot\_id

inner join Podrazdeleniye c

on a.pod\_id = c.pod\_id

inner join doljnost b

on a.dolj\_id = b.dolj\_id

