

A csoport

1.feladat

```
CREATE VIEW sql2_1_1 AS
SELECT group_id, count(user_id) tagok_szama
FROM MB18___DB.MEMBERS
GROUP BY GROUP_ID
HAVING count(user_id) >= 10 ;
```

2.feladat

```
CREATE VIEW sql2_2_1 AS
SELECT csoport_nev,
    COUNT(m.user_id) tagok_szama,
    audio_szama
FROM
    (SELECT g.name csoport_nev,
        g.id id,
        COUNT(audio_id) audio_szama
    FROM MB18___db.groups g
    LEFT OUTER JOIN MB18___DB.shares s
    ON g.id=s.group_id
    GROUP BY(g.name,g.id)
    ) t1
LEFT OUTER JOIN mb18___db.members m
ON m.GROUP_ID=t1.id
GROUP BY csoport_nev,
    audio_szama;
```

1. részfeladat

```
CREATE VIEW sql2_2_1_rf1 AS
SELECT g.id id,
    g.name csoport_nev,
    COUNT(audio_id) audio_szama
FROM MB18___db.groups g
LEFT OUTER JOIN MB18___DB.shares s
ON g.id=s.group_id
GROUP BY(g.id, g.name);
```

2. részfeladat

```
CREATE VIEW sql2_2_1_rf2 AS
SELECT g.id,
    COUNT(m.user_id) tagok_szama
FROM mb18___db.groups g
LEFT OUTER JOIN mb18___db.members m
ON m.GROUP_ID=g.id
GROUP BY(g.id);
```

3.feladat

```
CREATE VIEW sql2_3_1 AS
SELECT group_id,
       last_login_at last_login_at,
       last_login_at-(lag(last_login_at) over(partition BY group_id order by last_login_at ASC))
       eltelt_ido
FROM mb18___db.members m
INNER JOIN mb18___db.users u
ON m.user_id=u.id
ORDER BY COUNT(last_login_at) over(partition BY group_id) DESC,
       last_login_at DESC;
```

1.részfeladat

```
CREATE VIEW sql2_3_1_rf1 AS
SELECT group_id,
       last_login_at,
       lag(last_login_at) over(partition BY group_id order by last_login_at ASC) elozo_login
FROM mb18___db.members m
INNER JOIN mb18___db.users u
ON m.user_id=u.id
ORDER BY last_login_at ASC;
```

4.feladat

```
CREATE VIEW sql2_4_1 AS
SELECT DISTINCT t1.author,
       t1.title
FROM
  (SELECT id,
         title,
         author
  FROM mb18___db.audio
  WHERE duration>
         ( SELECT AVG(duration) FROM mb18___db.audio
         )
  AND lower(author) LIKE '%w%'
  ) t1
INNER JOIN mb18___db.historyitems t2
ON t1.id = t2.audio_id
INNER JOIN mb18___db.users u
ON t2.user_id      =u.id
WHERE last_login_at>= to_date('2013-10-01','YYYY-MM-DD')
AND last_login_at  <= to_date('2014-02-01','YYYY-MM-DD');
```

1.részfeladat

```
CREATE VIEW sql2_4_1_rf1 AS
```

```
SELECT author FROM mb18___db.audio WHERE lower(author) LIKE '%w%';
```

2.részfeladat

```
CREATE VIEW sql2_4_1_rf2 AS
SELECT id,
       last_login_at
FROM mb18___db.users
WHERE last_login_at >= to_date('2013-10-01','YYYY-MM-DD')
AND last_login_at <= to_date('2014-02-01','YYYY-MM-DD');
```

3.részfeladat

```
CREATE VIEW sql2_4_1_rf3 AS
SELECT title,
       duration
FROM mb18___db.audio
WHERE duration <
( SELECT AVG(duration) FROM mb18___db.audio
  );
```

B csoport

1.feladat

```
CREATE OR REPLACE VIEW sql2_1_2 AS
SELECT user_id,
       COUNT(audio_id) hallgatasok_szama
FROM mb18___DB.HISTORYITEMS
GROUP BY user_ID
HAVING COUNT(audio_id) >= 10;
```

2.feladat

```
CREATE OR REPLACE VIEW sql2_2_2 AS
SELECT userid,
       csoporttagsagok_szama,
       NVL(SUM(h.duration),0) lejjatszások_összhossza
FROM
( SELECT u.id userid,
        COUNT(m.group_id) csoporttagsagok_szama
  FROM mb18___db.users u
  LEFT OUTER JOIN mb18___db.members m
    ON u.id=m.user_id
  GROUP BY u.id
) t1
LEFT OUTER JOIN historyitems h
  ON t1.userid = h.user_id
GROUP BY userid,
       csoporttagsagok_szama;
```

1.részfeladat

```
CREATE OR REPLACE VIEW sql2_2_2_rf1 AS
SELECT u.id userid,
       COUNT(m.group_id) csoporttagsagok_szama
FROM mb18___db.users u
LEFT OUTER JOIN mb18___db.members m
ON u.id=m.user_id
GROUP BY u.id;
```

2.részfeladat

```
CREATE OR REPLACE VIEW sql2_2_2_rf2 AS
SELECT userid,
       csoporttagsagok_szama,
       NVL(h.duration,0) egylejatszasa_hossza
FROM
  (SELECT u.id userid,
          COUNT(m.group_id) csoporttagsagok_szama
   FROM mb18___db.users u
   LEFT OUTER JOIN mb18___db.members m
   ON u.id=m.user_id
   GROUP BY u.id
  ) t1
LEFT OUTER JOIN historyitems h
ON t1.userid = h.user_id;
```

3.feladat

```
CREATE OR REPLACE VIEW sql2_3_2 AS
SELECT m.group_id ,
       COUNT(m.user_id) tagok,
       listagg(u.surname ,',') within GROUP (
ORDER BY u.surname) vezeteknevek
FROM mb18___db.members m
INNER JOIN mb18___db.users u
ON m.user_id=u.id
GROUP BY(m.group_id)
HAVING COUNT(m.user_id)>=5;
```

1.részfeladat

```
CREATE OR REPLACE VIEW sql2_3_2_rf1 AS
SELECT m.group_id ,
       COUNT(m.user_id) tagok,
       listagg(u.surname ,',') within GROUP (
ORDER BY u.surname) vezeteknevek
FROM mb18___db.members m
```

```
INNER JOIN mb18____db.users u
ON m.user_id=u.id
GROUP BY(m.group_id);
```

4.feladat

```
CREATE OR REPLACE VIEW sql2_4_2 AS
select u.id, u.email, h.audio_id, h.rating
FROM mb18____db.users u INNER JOIN mb18____db.HISTORYITEMS h
ON u.id = h.user_id
WHERE h.rating > (select avg(rating) from ad18____db.HISTORYITEMS)
AND lower(u.email) LIKE '%il2%'
AND u.LAST_LOGIN_AT > to_date('14-01-01', 'YY-MM-DD');
```

1.részfeladat

```
CREATE OR REPLACE VIEW sql2_4_2_rf1 AS
select ID, email
from mb18____db.USERS
WHERE lower(email) LIKE '%il2%';
```

2.részfeladat

```
CREATE OR REPLACE VIEW sql2_4_2_rf2 AS
select ID, email
from mb18____db.USERS
WHERE LAST_LOGIN_AT > to_date('14-01-01', 'YY-MM-DD');
```

3.részfeladat

```
CREATE OR REPLACE VIEW sql2_4_2_rf3 AS
select user_id, audio_id, rating
FROM mb18____db.HISTORYITEMS
WHERE rating > (select avg(rating) from ad18____db.HISTORYITEMS);
```

C csoport

1.feladat

```
CREATE OR REPLACE VIEW sql2_1_3 AS
SELECT group_id,
COUNT(audio_id) megosztasok_szama
FROM MB18____DB.shares
GROUP BY group_id
HAVING COUNT(audio_id)>50;
```

2.feladat

```
CREATE OR REPLACE VIEW sql2_2_3 AS
SELECT t1.audioid , t1.lejatszások, count(s.group_id) megosztasok
FROM(
select a.id audioid, count(p.id) lejatszások
```

```

from MB18___DB.audio a LEFT outer join MB18___db.HISTORYITEMS p
on a.id=p.audio_id
group by a.id) t1 LEFT OUTER JOIN MB18___db.SHARES s on t1.audioid = s.audio_id
GROUP BY t1.audioid , t1.lejatszások;

```

1.részfeladat

```

CREATE OR REPLACE VIEW sql2_2_3_rf1 AS
select a.id audioid, count(p.id) lejatszások
from MB18___DB.audio a LEFT outer join MB18___db.HISTORYITEMS p
on a.id=p.audio_id
group by a.id;

```

2.részfeladat

```

CREATE OR REPLACE VIEW sql2_2_3_rf2 AS
select a.id audioid, count(p.group_id) megosztások
from MB18___DB.audio a LEFT outer join MB18___db.SHARES p
on a.id=p.audio_id
group by a.id;

```

3. feladat

```

CREATE OR REPLACE VIEW sql2_3_3 AS
select title,
duration,
avg(duration) over(partition by group_id) atlag_duration,
dense_rank() over( partition by s.group_id order by duration desc) rangsor
from MB18___db.shares s inner join MB18___db.audio a
on a.id=s.audio_id;

```

1.részfeladat

```

CREATE OR REPLACE VIEW sql2_3_3_rf1 AS
select title,
duration,
avg(duration) over(partition by group_id) atlag_duration
from MB18___db.shares s inner join MB18___db.audio a
on a.id=s.audio_id;

```

4.feladat

```

CREATE OR REPLACE VIEW sql2_4_3 AS
select a.id, a.title, a.author, h.id id_1, h.rating, h.duration
from MB18___db.audio a left outer join MB18___db.historyitems h
on a.id = h.audio_id
where ((lower(a.title) like '%ball%') or (lower(a.title) like '%cope%')) and
h.duration >= (select avg(duration)
from MB18___db.historyitems

```

where STARTED_AT >= TO_DATE('2014-01-22', 'YYYY-MM-DD');

1.részfeladat

```
CREATE OR REPLACE VIEW sql2_4_3_rf1 AS
select a.id, a.title, a.author, h.id id_1, h.rating, h.duration
from MB18___db.audio a left outer join MB18___db.historyitems h
on a.id = h.audio_id
where ((lower(a.title) like '%ball%') or (lower(a.title) like '%cope%'));
```

2.részfeladat

```
CREATE OR REPLACE VIEW sql2_4_3_rf2 AS
select avg(duration) atlagos_idotartam
from MB18___db.historyitems
where STARTED_AT >= TO_DATE('2014-01-22', 'YYYY-MM-DD');
```

3.részfeladat

```
CREATE OR REPLACE VIEW sql2_4_3_rf3 AS
select id, rating, duration
from mb18___db.historyitems
where duration >= (SELECT avg(duration) FROM MB18___db.historyitems);
```