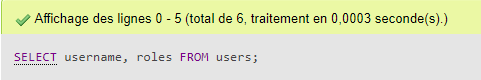
***Base de données Twitch***

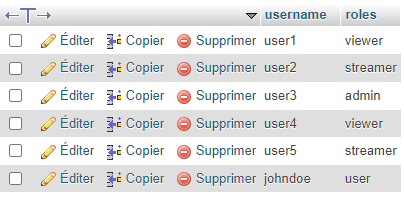
Questions & Réponses

*Q & R*

*Q 1 : Afficher les utilisateurs et leur rôle*

R 1 : SELECT username, roles FROM users;





*Q 2 :* ***Afficher les détails des chaînes suivies par un utilisateur spécifique***

R 2 : SELECT channel.nameChannel, channel.descriptionChannel

FROM

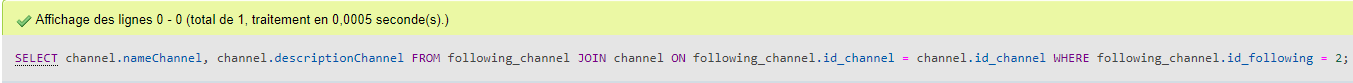
following\_channel

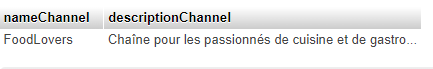
JOIN

channel ON following\_channel.id\_channel = channel.id\_channel

WHERE

following\_channel.id\_following = 2;





*Q 3 :* ***Lister toutes les campagnes associées à un utilisateur***

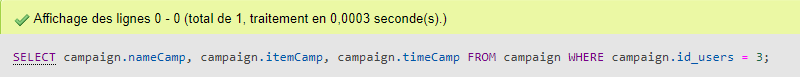
R 3 : SELECT campaign.nameCamp, campaign.itemCamp,campaign.timeCamp

FROM

campaign

WHERE

campaign.id\_users = 3;





*Q 4 :* ***Total des bits et messages de bits pour chaque utilisateur, avec la somme des bits envoyés :***

**R 4 : SELECT u.username, SUM(b.nbrBits) AS total\_bits, m.msgBits AS messages**

**FROM**

**users u**

**LEFT JOIN**

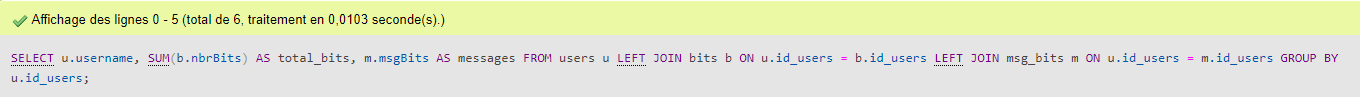
**bits b ON u.id\_users = b.id\_users**

**LEFT JOIN**

**msg\_bits m ON u.id\_users = m.id\_users**

**GROUP BY**

**u.id\_users;**





*Q 5 :**Afficher les noms des clips avec leur plus de vues, avec leur liens et la chaîne associé*

R 5 :SELECT clip.nameClip, clip.totalView, channel.nameChannel, channel.urlChannel

FROM

clip

JOIN

all\_vids ON clip.id\_allVids = all\_vids.id\_allVids

JOIN

streams ON all\_vids.id\_streams = streams.id\_streams

JOIN

channel ON streams.id\_channel = channel.id\_channel

ORDER BY

clip.totalView DESC;

*Q 6 :**Afficher les noms des clips avec leur plus de vues, avec leur liens et la chaîne associé*

R 6 : SELECT clip.nameClip, clip.totalView, channel.nameChannel, channel.urlChannel

FROM

clip

JOIN

all\_vids ON clip.id\_allVids = all\_vids.id\_allVids

JOIN

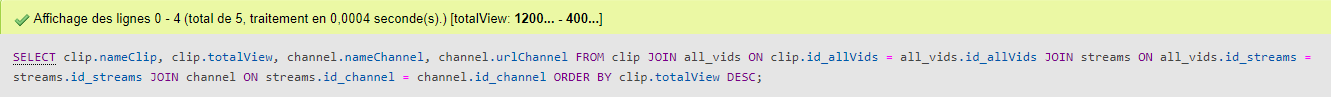
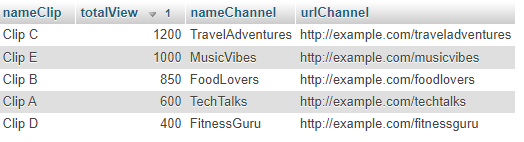
streams ON all\_vids.id\_streams = streams.id\_streams

JOIN

channel ON streams.id\_channel = channel.id\_channel

ORDER BY

clip.totalView DESC;

*Q 7 :**afficher les abonnements de tous les utilisateurs*

R 7 : SELECT users.username,

channel.nameChannel,

sub.typeSub,

sub.level,

sub.price

FROM

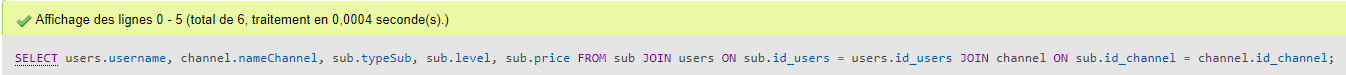
sub

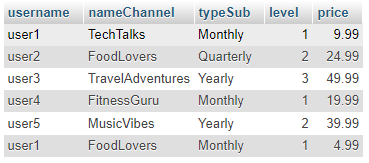
JOIN

users ON sub.id\_users = users.id\_users

JOIN

channel ON sub.id\_channel = channel.id\_channel





*Q 8 :**Afficher le nombre de chaine auquel un utilisateur est abonné*

R 8 : SELECT users.username, channel.nameChannel, sub.typeSub, sub.level, sub.price

FROM

sub

JOIN

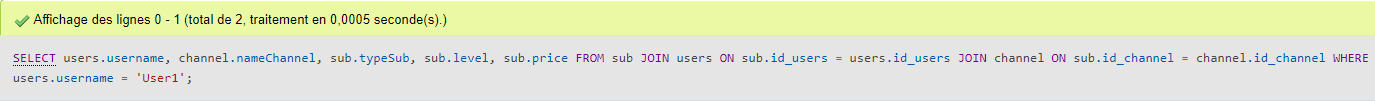
users ON sub.id\_users = users.id\_users

JOIN

channel ON sub.id\_channel = channel.id\_channel

WHERE

users.username = 'User1';

*Q 9 :**Afficher la liste de toutes les chaînes qui ont lancés des lives*

R 9 : SELECT ch.nameChannel AS Channel\_Name, COUNT(s.id\_streams) AS Total\_Streams

FROM

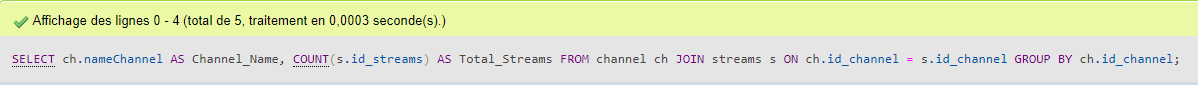
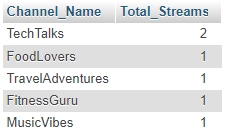
channel ch

JOIN

streams s ON ch.id\_channel = s.id\_channel

GROUP BY

ch.id\_channel;

*Q 10 :**Afficher la liste de tous les lives lancés par une chaîne spécifique*

R 10 : SELECT ch.nameChannel AS Channel\_Name, COUNT(s.id\_streams) AS

Total\_Streams

FROM

channel ch

JOIN

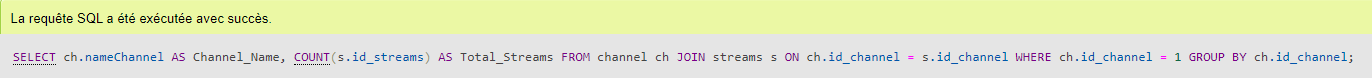
streams s ON ch.id\_channel = s.id\_channel

WHERE

ch.id\_channel = 1

GROUP BY

ch.id\_channel;

*Q 11 :**Afficher les infos des clips concernant une chaine auquel les clips sont associés*

R 11 : SELECT clip.nameClip,

clip.timeClip,

clip.dateClip,

clip.totalView AS totalClipViews,

clip.urlClip,

all\_vids.nameVid,

all\_vids.timeVid,

all\_vids.dateVid,

all\_vids.totalView AS totalVidViews,

all\_vids.urlVid,

channel.nameChannel,

channel.descriptionChannel,

channel.urlChannel,

channel.viewersCount

FROM

clip

JOIN

all\_vids ON clip.id\_allVids = all\_vids.id\_allVids

JOIN

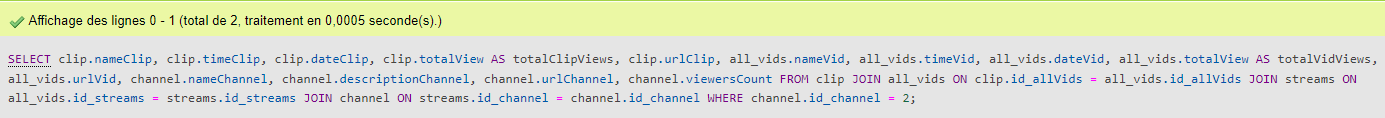
streams ON all\_vids.id\_streams = streams.id\_streams

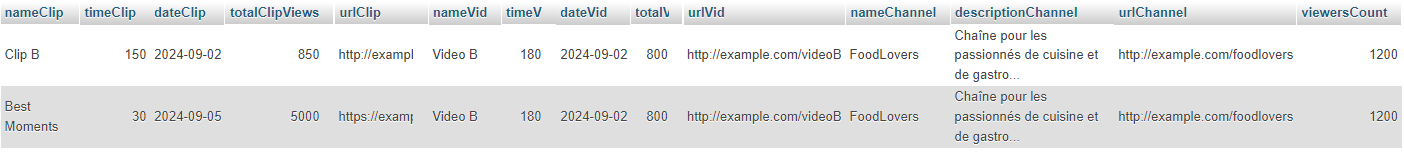
JOIN

channel ON streams.id\_channel = channel.id\_channel

WHERE

channel.id\_channel = 2;





*Q 12 :**Nombre total de vues des vidéos pour chaque channel*

R 12 : SELECT ch.nameChannel, SUM(av.totalView) AS

total\_video\_views

FROM

channel ch

JOIN

streams s ON ch.id\_channel = s.id\_channel

JOIN

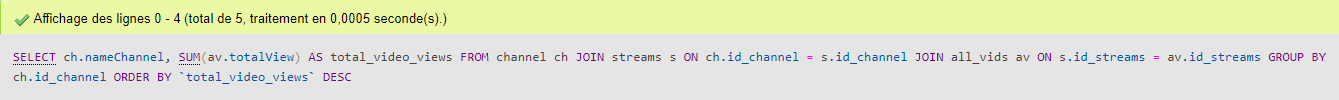
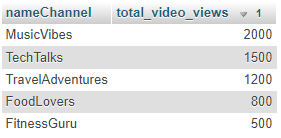
all\_vids av ON s.id\_streams = av.id\_streams

GROUP BY

ch.id\_channel

ORDER BY

`total\_video\_views` DESC

*Q 13 :**Afficher les streams effectués par les chaînes et notifications associées à celles-ci*

R 13 : SELECT ch.nameChannel, s.titre AS stream\_title,

s.nbrViewers AS viewers\_count,

s.dateStart,

s.dateEnd,

COUNT(lc.id\_notification) AS total\_notifications

FROM

channel ch

JOIN

streams s ON ch.id\_channel = s.id\_channel

LEFT JOIN

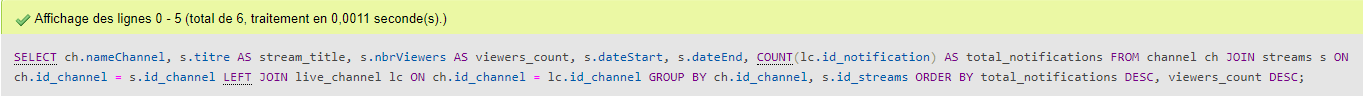
live\_channel lc ON ch.id\_channel = lc.id\_channel

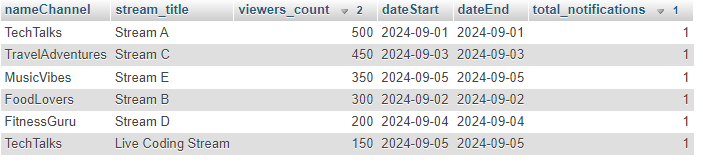
GROUP BY

ch.id\_channel, s.id\_streams

ORDER BY

total\_notifications DESC, viewers\_count DESC;





*Q 14 :**Afficher les vidéos et les clips d'une chaîne spécifique avec leurs vues totales*

R 14 : SELECT ch.nameChannel,

v.nameVid AS video\_title,

v.totalView AS video\_views,

c.nameClip AS clip\_title,

c.totalView AS clip\_views

FROM

channel ch

JOIN

streams s ON ch.id\_channel = s.id\_channel

JOIN

all\_vids v ON s.id\_streams = v.id\_streams

LEFT JOIN

clip c ON v.id\_allVids = c.id\_allVids

WHERE

ch.id\_channel = 1

ORDER BY

v.totalView DESC, c.totalView DESC;

