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Lab 7

SELECT

vc\_User.UserName

, vc\_User.EmailAddress

, vc\_VidCast.vc\_VidCastID

FROM vc\_VidCast

JOIN vc\_User ON vc\_User.vc\_UserID = vc\_VidCast.vc\_UserID

ORDER BY vc\_User.UserName

--Loook for useers who have not made any VidCasts

SELECT \* FROM vc\_USER

WHERE vc\_UserID NOT IN (SELECT vc\_UserID FROM vc\_VidCast)

SELECT

vc\_User.UserName

, vc\_User.EmailAddress

, vc\_VidCast.vc\_VidCastID

FROM vc\_VidCast

RIGHT JOIN vc\_User ON vc\_User.vc\_UserID = vc\_VidCast.vc\_UserID

ORDER BY vc\_User.UserName

SELECT

COUNT(vc\_VidCastID) as NumberOfVidCasts

,SUM(ScheduleDurationMinutes) as TotalScheduledMinutes

, MIN(ScheduleDurationMinutes) as MinScheduledMinutes

, AVG(ScheduleDurationMinutes) as AvgScheduledMinutes

, MAX(ScheduleDurationMinutes) as MaxScheduledMinutes

FROM vc\_VidCast

SELECT vc\_User.UserName

,vc\_User.EmailAddress

,COUNT(vc\_vidCast.vc\_vidCastID) CountofVidCasts FROM vc\_VidCast

RIGHT JOIN vc\_User ON vc\_User.vc\_UserID = vc\_VidCast.vc\_UserID

GROUP BY

vc\_User.UserName

,vc\_User.EmailAddress

ORDER BY CountofVidCasts DESC, vc\_User.UserName

--Least prolific users

SELECT vc\_User.UserName

,vc\_User.EmailAddress

,COUNT(vc\_vidCast.vc\_vidCastID) CountofVidCasts FROM vc\_VidCast

RIGHT JOIN vc\_User ON vc\_User.vc\_UserID = vc\_VidCast.vc\_UserID

GROUP BY

vc\_User.UserName

,vc\_User.EmailAddress

HAVING COUNT(vc\_VidCast.vc\_VidCastID) < 10

ORDER BY CountofVidCasts DESC, vc\_User.UserName

--advanced queries--

SELECT

vc\_User.UserName

,vc\_User.EmailAddress

,SUM(DATEDIFF(n, StartDateTime, EndDateTime)) as SumActualDurationMinutes

FROM vc\_VidCast

JOIN vc\_User ON vc\_User.vc\_UserID = vc\_VidCast.vc\_UserID

JOIN vc\_Status ON vc\_Status.vc\_StatusID = vc\_VidCast.vc\_StatusID WHERE vc\_Status.StatusText = 'Finished'

GROUP BY

vc\_User.UserName,

vc\_User.EmailAddress ORDER BY vc\_User.UserName

--Part 2 --

SELECT

vc\_User.UserName

,vc\_User.EmailAddress

,SUM(DATEDIFF(n, StartDateTime, EndDateTime)) as SumActualDurationMinutes

,COUNT(vc\_vidCast.vc\_vidCastID) CountofVidCasts

,MIN(ScheduleDurationMinutes) MinActualDurationMinutes

,AVG(ScheduleDurationMinutes) AvgActualDurationMinutes

, MAX(ScheduleDurationMinutes) MaxActualeDurationMinutes

FROM vc\_VidCast

JOIN vc\_User ON vc\_User.vc\_UserID = vc\_VidCast.vc\_UserID

JOIN vc\_Status ON vc\_Status.vc\_StatusID = vc\_VidCast.vc\_StatusID WHERE vc\_Status.StatusText = 'Finished'

GROUP BY

vc\_User.UserName

,vc\_User.EmailAddress

ORDER BY CountofVidCasts DESC, vc\_User.UserName