

1.

```
SELECT S.showID
      FROM SongsPerformed S
      WHERE S.Composer = 'Mozart'
INTERSECT
SELECT S.showID
      FROM SongsPerformed s
      WHERE S.composer = 'Beethoven'
```
2.

```
SELECT S.showID
      FROM SongsPerformed S
      WHERE S.Composer = 'Mozart' AND
            S.Composer = 'Beethoven'
WHERE S.Composer = 'Mozart' AND
      S.Composer = 'Beethoven'
```
3. This would not be possible since there isn't a condition that can use to relate the correlated queries
4.

```
SELECT S.StarID
      FROM SongsPerformed S
      WHERE S.Composer = 'Mozart' AND
            S.StarID in (SELECT S.StarID
                        FROM SongsPerformed S
                        WHERE S.Composer = 'Beethoven')
```