

Question 1:

```
"SELECT Budget, (cast(GrossProfit AS SIGNED) - cast(Budget AS SIGNED )) AS Profit FROM
movie WHERE Country='USA' AND Budget IS NOT NULL AND GrossProfit IS NOT NULL"
```

Question 2:

```
"SELECT Runtime, (cast(GrossProfit AS SIGNED) - cast(Budget AS SIGNED )) AS Profit
FROM movie WHERE Country = 'USA' AND GrossProfit IS NOT NULL AND Budget IS NOT NULL
and Runtime is not null order by Runtime"
```

```
"SELECT Runtime, Rating FROM movie WHERE Rating IS NOT NULL and Country = 'USA' and
Runtime is not null ORDER BY Runtime"
```

```
"SELECT Runtime, (cast(GrossProfit AS SIGNED) - cast(Budget AS SIGNED )) AS Profit,
genre_id FROM (movie JOIN movie_has_genre ON Movie_id=movie.id) WHERE GrossProfit is
not null and Budget is not null and Country = 'USA' and Runtime is not null AND
genre_id=" + str(i)
```

```
SELECT Runtime, Rating, genre_id FROM (movie JOIN movie_has_genre ON
Movie_id=movie.id) WHERE Country = 'USA' and Rating is not null AND genre_id=" + str(
i)
```

Question 3:

```
"SELECT Runtime, (cast(GrossProfit AS SIGNED) - cast(Budget AS SIGNED )) AS Profit,
genre_id FROM (movie JOIN movie_has_genre ON Movie_id=movie.id) WHERE GrossProfit is
not null and Budget is not null and Country = 'USA'
```

Question 4:

```
"SELECT Rating, GrossProfit, FacebookLikes from (movie join person_directs_movie on
Movie_id=movie.id) where Rating is not NULL and GrossProfit is not NULL and Country =
'USA' "
```

Question 5:

```
"SELECT DISTINCT Country FROM movie"
```

```
"SELECT Year, GrossProfit FROM (movie JOIN movie_has_genre ON Movie_id=movie.id) WHERE
revenue IS NOT NULL AND GrossProfit IS NOT NULL AND Country='" + country + "' AND
Genre_id=" + str(v) + " GROUP BY Year"
```