Solution of Q1

Primary Key: Movie\_id, Actor\_id, Reviewer\_id

FD1: Movie\_id, Actor\_id -> Actor\_role

FD2: Movie\_id, Reviewer\_id -> Movie\_rating

FD3: Actor\_id -> Actor\_name

FD4: Reviewer\_id -> Reviewer\_name

FD5: Genre\_id -> Genre

<u>1NF:</u>

Already in 1NF

<u>2NF:</u>

## Removing FD1, FD2, FD3 and FD4

ſ	Mov	Movi	Gen	Ge	Lang	Date_r	Release	Movie	Act	Actor	Revie	Reviewe	Number_	Act
	ie_id	e_Titl	re_i	nr	uage	elease	_countr	_Ratin	or_i	_nam	wer_i	r_name	of_ratings	or_
		е	d	e			у	g	d	е	d			rol
														e



Movie_id Movie_Title Genre_id G	Genre Languag	e Date_release	Release_country
---------------------------------	---------------	----------------	-----------------

Actor_id	Movie	Actor_role
	-id	

Reviewer_id Movie_id Movie_ratings
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Actor id	Actor name
----------	------------

Reviewer id	Reviewer name
neviewei_id	neviewei_name

**3NF:** 

## Removing FD5

Movie_id Movie_Title Genre_id Genre Language Date_release Release_co	ıntry
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Movie_id	Movie_Title	Language	Date_release	Release_country

Actor_id	Movie	Actor_role
	-id	

Reviewer id	Movie id	Movie ratings

Actor id	Actor name
710101_14	/ total_name

Reviewer_id	Reviewer_name
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Genre\_id Genre

## Solution of Q2

