

# COMS W4111: Introduction to Databases

## Spring 2023, Sections 002, V02

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### Non-Programming Track, HW2, Part 2

## Introduction

## Environment

- Test environment.
- Set your MySQL user and password below.

```
In [862... mysql_user = "root"
mysql_pw = "yatharth"
```

```
In [863... %load_ext sql

The sql extension is already loaded. To reload it, use:
%reload_ext sql
```

```
In [864... full_url = f"mysql+pymysql://{mysql_user}:{mysql_pw}@localhost"
full_url
```

```
Out[864]: 'mysql+pymysql://root:yatharth@localhost'
```

```
In [865... %sql $full_url
```

```
In [866... %sql select * from db_book.student;
```

```
* mysql+pymysql://root:***@localhost
13 rows affected.
```

```
Out[866]:
```

ID	name	dept_name	tot_cred
00128	Zhang	Comp. Sci.	102
12345	Shankar	Comp. Sci.	32
19991	Brandt	History	80
23121	Chavez	Finance	110
44553	Peltier	Physics	56
45678	Levy	Physics	46
54321	Williams	Comp. Sci.	54
55739	Sanchez	Music	38
70557	Snow	Physics	0
76543	Brown	Comp. Sci.	58
76653	Aoi	Elec. Eng.	60
98765	Bourikas	Elec. Eng.	98
98988	Tanaka	Biology	120

## Submission Instructions

- See Ed for instructions.

## Data and Scheme Cleanup

characters and name\_basics\_all

- The task is to "clean up" `characters` and produce a table `charactersFixed` .
- The task will require adding missing rows to `name_basics_all` . There are two row's in `characters` that have an `actorLink` and `actorName` got which there is no matching row in `name_basics_all` .
- `characters` has two actors with actorNames `Barry John O'Connor` and `Barry O'Connor` who are the same actor.
- My `charactersFixed` has the following columns:
  - `characterId` is a generated primary key. See below for an explanation.
  - `characterName` : The value from `characters` .
  - `characterImdbID` : The `characterLink` from `characters` with `/character/` removed.
  - `characterLink` : The `characterLink` from `characters` .
  - `actorNConst` : `actorLink` from `characters` .
  - `actorLink` : A value of the form `/names/` followed by the `actorNConst` .
  - `characterImageFull` : The value from `characters` .
  - `characterImageThumb` : The value from `characters` .
  - `kingsguard` : The value from `characters` .
  - `royal` : The value from `characters` .
- The algorithm for generating the `characterID` on insert is the following:
  - The prefix for the `character` is either:
    - The substring of `characterName` preceeding the first ' ' .
    - The `characterName` is there is no ' ' .
  - If there are `N` rows in the table, the number after the prefix is `N+1` .
  - Implementing this is tricky. Your first attempt might rely on `auto-increment` , but this does not work. You may also be tempted to count rows, but that does not work. A hint is that you will need to use a trigger and some other table/data that you create.
- The directory with this notebook contains data from my version of `charactersFixed` .
- The cells below load the data to allow you to examine. In your SQL table, `NaN` will be `NULL` .

In [867...

```
import pandas as pd
```

In [868...

```
characters_df = pd.read_csv('./charactersFixed.csv')
```

In [869...

```
characters_df
```

Out[869]:

	characterId	characterName	characterImdbID	characterLink	actorNconst	actorLink	characterImageFull	characterImageThumb
0	Addam1	Addam Marbrand	ch0305333	/character/ch0305333	nm0389698	/names/nm0389698	NaN	NaN
1	Aegon2	Aegon Targaryen	NaN	NaN	NaN	NaN	NaN	NaN
2	Aeron3	Aeron Greyjoy	ch0540081	/character/ch0540081	nm0269923	/names/nm0269923	https://images-na.ssl-images-amazon.com/images...	https://images-na.ssl-images-amazon.com/images...
3	Aerys4	Aerys II Targaryen	ch0541362	/character/ch0541362	nm0727778	/names/nm0727778	https://images-na.ssl-images-amazon.com/images...	https://images-na.ssl-images-amazon.com/images...
4	Akho5	Akho	ch0544520	/character/ch0544520	nm6729880	/names/nm6729880	https://images-na.ssl-images-amazon.com/images...	https://images-na.ssl-images-amazon.com/images...
...	...	...	...	...	...	...	...	...
384	Young385	Young Nan	ch0305018	/character/ch0305018	nm1519719	/names/nm1519719	NaN	NaN
385	Young386	Young Ned	ch0154681	/character/ch0154681	nm7075019	/names/nm7075019	NaN	NaN
386	Young387	Young Ned Stark	ch0154681	/character/ch0154681	nm7509185	/names/nm7509185	NaN	NaN
387	Young388	Young Rodrik Cassel	ch0171391	/character/ch0171391	nm7509186	/names/nm7509186	NaN	NaN
388	Zanrush389	Zanrush	ch0540870	/character/ch0540870	nm0503319	/names/nm0503319	https://images-na.ssl-images-amazon.com/images...	https://images-na.ssl-images-amazon.com/images...

389 rows × 10 columns

- Your answer below should show all of your SQL statements, including DDL, for creating and loading `charactersFixed` as well as changes to `name_basics_all`.
- You can use the data in the CSV file to test your work. Show at least one test.

In [870...

```
%%sql
use s23_w4111_hw2_yb2540;
describe name_basics_all
```

```
* mysql+pymysql://root:***@localhost
0 rows affected.
6 rows affected.
```

Out[870]:

Field	Type	Null	Key	Default	Extra
nconst	varchar(16)	NO		None	
primaryName	text	YES		None	
birthYear	text	YES		None	
deathYear	text	YES		None	
primaryProfession	text	YES		None	
knownForTitles	text	YES		None	

In [871...

```
%%sql

/* SQL test to show result. */
```

```
* mysql+pymysql://root:***@localhost
0 rows affected.
```

Out[871]:

[ ]

In [872...

```
%%sql
DROP TABLE IF EXISTS `charactersFixed`;

CREATE TABLE charactersFixed (
  characterId VARCHAR(255) NOT NULL PRIMARY KEY,
  characterName TEXT,
  characterImdbID TEXT,
  characterLink TEXT,
  actorNConst VARCHAR(16),
  actorLink TEXT,
  characterImageFull TEXT,
  characterImageThumb TEXT,
  kingsguard TINYINT(1),
  royal TINYINT(1)
);
```

```
* mysql+pymysql://root:***@localhost
0 rows affected.
0 rows affected.
```

Out[872]:

[ ]

In [873...

```
%%sql
select * from charactersFixed
```

```
* mysql+pymysql://root:***@localhost
0 rows affected.
```

Out[873]:

characterId characterName characterImdbID characterLink actorNConst actorLink characterImageFull characterImageThumb kingsg

In [874...

```
%%sql
#settin the trigger
# The trigger fires before a new row is inserted into the charactersFixed table and
# sets the value of the characterId field for the new row. and the needed algorithm is implemented to get
# needed ouput

CREATE TRIGGER charactersFixed_before_insert
BEFORE INSERT ON charactersFixed
FOR EACH ROW
BEGIN
    DECLARE prefix VARCHAR(255);
    SET prefix = SUBSTRING_INDEX(NEW.characterName, ' ', 1);
    IF LENGTH(prefix) = LENGTH(NEW.characterName) THEN
        SET prefix = NEW.characterName;
    END IF;
    SET NEW.characterId = (
        SELECT COUNT(*) + 1
        FROM charactersFixed
    );
    SET NEW.characterId = CONCAT(prefix, NEW.characterId);
END

* mysql+pymysql://root:***@localhost
0 rows affected.
```

Out[874]: []

In [875...

```
%%sql
INSERT INTO charactersFixed (
    characterName,
    characterImdbID,
    characterLink,
    actorNConst,
    actorLink,
    characterImageFull,
    characterImageThumb,
    kingsguard,
    royal
)
SELECT
    characterName,
    REPLACE(characterLink, '/character/', '') AS characterImdbID,
    characterLink,
    SUBSTRING_INDEX(actorLink, '/', -1) AS actorNConst,
    CONCAT('/names/', SUBSTRING_INDEX(actorLink, '/', -1)) AS actorLink,
    characterImageFull,
    characterImageThumb,
    kingsguard,
    royal
FROM characters;

* mysql+pymysql://root:***@localhost
389 rows affected.
```

Out[875]: []

In [876...

```
%%sql
-- Add missing actors to name_basics_all
INSERT INTO name_basics_all (nconst, primaryName)
SELECT DISTINCT actorLink, actorName
FROM characters
WHERE actorLink NOT IN (SELECT nconst FROM name_basics_all);

* mysql+pymysql://root:***@localhost
2 rows affected.
```

Out[876]: []

In [877...

```
%%sql
select * from name_basics_all
where primaryName like "barry%"

* mysql+pymysql://root:***@localhost
1 rows affected.
```

Out[877]:

nconst	primaryName	birthYear	deathYear	primaryProfession	knownForTitles
nm3226454	Barry John O'Connor	None	None	None	None

```
In [878... %%sql
#There is some confusion to exactly what is required to be done for this part.
# As per edstem and my understanding I have corrected the values for both the same names and corrected the values
# character link and actorlink for Barry O'Connor by taking the vals from Barry John O'Connor.
UPDATE characters c1
JOIN characters c2 ON c2.actorName = 'Barry John O'Connor'
SET c1.actorLink = c2.actorLink, c1.characterLink = c2.characterLink
WHERE c1.actorName = 'Barry O'Connor';
```

\* mysql+pymysql://root:\*\*\*@localhost  
1 rows affected.

Out[878]: []

```
In [879... %%sql
select * from characters
where actorName like "barry%"
```

\* mysql+pymysql://root:\*\*\*@localhost  
2 rows affected.

Out[879]:

characterLink	characterName	actorLink	actorName	characterImageFull	characterImageThumb	kingsguard	royal
/character/ch0305319/	Night's Watch Deserter	nm3226454	Barry John O'Connor	None	None	None	None
/character/ch0305319/	Wallen	nm3226454	Barry O'Connor	None	None	None	None

```
In [880... %%sql
select * from charactersFixed
```

\* mysql+pymysql://root:\*\*\*@localhost  
389 rows affected.

Out[880]:

characterId	characterName	characterImdbID	characterLink	actorNConst	actorLi
Addam1	Addam Marbrand	ch0305333/	/character/ch0305333/	nm0389698	/names/nm0389698/
Aegon2	Aegon Targaryen	None	None	None	No
Aeron3	Aeron Greyjoy	ch0540081/	/character/ch0540081/	nm0269923	/names/nm0269923/
Aerys4	Aerys II Targaryen	ch0541362/	/character/ch0541362/	nm0727778	/names/nm0727778/
Akho5	Akho	ch0544520/	/character/ch0544520/	nm6729880	/names/nm6729880/
Alliser6	Alliser Thorne	ch0246938/	/character/ch0246938/	nm0853583	/names/nm0853583/
Alton7	Alton Lannister	ch0305012/	/character/ch0305012/	nm0203801	/names/nm0203801/
Alys8	Alys Karstark	ch0576836/	/character/ch0576836/	nm8257864	/names/nm8257864/
Amory9	Amory Lorch	ch0305002/	/character/ch0305002/	nm0571654	/names/nm0571654/
Anguy10	Anguy	ch0316930/	/character/ch0316930/	nm1528121	/names/nm1528121/
Archmaester11	Archmaester Marwyn	ch0578265/	/character/ch0578265/	nm0000980	/names/nm0000980/
Areo12	Areo Hotah	ch0507107/	/character/ch0507107/	nm0649046	/names/nm0649046/
Armeca13	Armeca	ch0305014/	/character/ch0305014/	nm1783582	/names/nm1783582/
Arthur14	Arthur	ch0305326/	/character/ch0305326/	nm8127149	/names/nm8127149/
Arthur15	Arthur Dayne	ch0540097/	/character/ch0540097/	nm1074361	/names/nm1074361/
Arya16	Arya Stark	ch0158604/	/character/ch0158604/	nm3586035	/names/nm3586035/
Baby17	Baby Sam	ch0547881/	/character/ch0547881/	None	No
Balon18	Balon Greyjoy	ch0292152/	/character/ch0292152/	nm0538869	/names/nm0538869/
Baratheon19	Baratheon Guard	ch0350989/	/character/ch0350989/	nm4207240	/names/nm4207240/
Barristan20	Barristan Selmy	ch0241346/	/character/ch0241346/	nm0568400	/names/nm0568400/
Benjen21	Benjen Stark	ch0153996/	/character/ch0153996/	nm1152798	/names/nm1152798/
Beric22	Beric Dondarrion	ch0305320/	/character/ch0305320/	None	No

Bianca23	Bianca	ch0541364/	/character/ch0541364/	nm4730958	/names/nm4730958/
Biter24	Biter	ch0305028/	/character/ch0305028/	nm0429956	/names/nm0429956/
Black25	Black Lorren	ch0266524/	/character/ch0266524/	nm1978998	/names/nm1978998/
Black26	Black Walder Rivers	ch0014591/	/character/ch0014591/	nm1043031	/names/nm1043031/
Bobono27	Bobono	ch0541790/	/character/ch0541790/	nm5279916	/names/nm5279916/
Bowen28	Bowen Marsh	ch0305036/	/character/ch0305036/	nm1638006	/names/nm1638006/
Bran30	Bran Stark	ch0234897/	/character/ch0234897/	nm3652842	/names/nm3652842/
Brandon29	Brandon Stark	None	None	None	No
Brea31	Brea	ch0539337/	/character/ch0539337/	nm5106314	/names/nm5106314/
Brienne32	Brienne of Tarth	ch0254503/	/character/ch0254503/	nm3729225	/names/nm3729225/
Bronn33	Bronn	ch0241345/	/character/ch0241345/	nm0283492	/names/nm0283492/
Brother34	Brother Ray	ch0541878/	/character/ch0541878/	nm0574534	/names/nm0574534/
Brynden35	Brynden Tully	ch0381563/	/character/ch0381563/	nm0751085	/names/nm0751085/
Captain36	Captain of the Archers	ch0540864/	/character/ch0540864/	nm1214477	/names/nm1214477/
Catelyn37	Catelyn Stark	ch0145135/	/character/ch0145135/	nm0265610	/names/nm0265610/
Catspaw38	Catspaw Assassin	ch0305046/	/character/ch0305046/	nm0734498	/names/nm0734498/
Cersei39	Cersei Lannister	ch0159526/	/character/ch0159526/	nm0372176	/names/nm0372176/
Child40	Child of the Forest	ch0414315/	/character/ch0414315/	nm2456829	/names/nm2456829/
Citadel41	Citadel Maester	ch0478670/	/character/ch0478670/	nm0404809	/names/nm0404809/
Colen42	Colen of Greenpools	ch0350989/	/character/ch0350989/	nm4007028	/names/nm4007028/
Craster43	Craster	ch0300218/	/character/ch0300218/	nm0700059	/names/nm0700059/
Daario44	Daario Naharis	ch0335040/	/character/ch0335040/	None	No
Daenerys45	Daenerys Targaryen	ch0158597/	/character/ch0158597/	nm3592338	/names/nm3592338/
Dagmer46	Dagmer Cleftjaw	ch0304762/	/character/ch0304762/	nm0408591	/names/nm0408591/
Daisy47	Daisy	ch0305015/	/character/ch0305015/	nm3996678	/names/nm3996678/
Davos48	Davos Seaworth	ch0255396/	/character/ch0255396/	nm0192377	/names/nm0192377/
Dickon49	Dickon Tarly	ch0541363/	/character/ch0541363/	None	No
Dongo50	Dongo the Giant	ch0510932/	/character/ch0510932/	nm1613839	/names/nm1613839/
Donnel51	Donnel Waynwood	ch0544229/	/character/ch0544229/	nm1368037	/names/nm1368037/
Dontos52	Dontos Hollard	ch0305031/	/character/ch0305031/	nm0915453	/names/nm0915453/
Doran53	Doran Martell	ch0468006/	/character/ch0468006/	nm0796502	/names/nm0796502/
Doreah54	Doreah	ch0248504/	/character/ch0248504/	nm1861467	/names/nm1861467/
Dothraki55	Dothraki Bloodrider #1	ch0542918/	/character/ch0542918/	nm6088160	/names/nm6088160/
Dothraki56	Dothraki Bloodrider #2	ch0542918/	/character/ch0542918/	nm2999602	/names/nm2999602/
Drennan57	Drennan	ch0305030/	/character/ch0305030/	nm2231505	/names/nm2231505/
Drogon58	Drogon	None	None	None	No
Drowned59	Drowned Priest	ch0411375/	/character/ch0411375/	nm0752638	/names/nm0752638/

Eddard60	Eddard Stark	ch0154681/	/character/ch0154681/	nm0000293	/names/nm0000293/
Eddison61	Eddison Tollett	ch0305008/	/character/ch0305008/	nm0174005	/names/nm0174005/
Edmure62	Edmure Tully	ch0316931/	/character/ch0316931/	nm0580014	/names/nm0580014/
Elia64	Elia Martell	None	None	None	No
Ellaria63	Ellaria Sand	ch0309687/	/character/ch0309687/	nm0890055	/names/nm0890055/
Eon65	Eon Hunter	ch0305321/	/character/ch0305321/	nm4473207	/names/nm4473207/
Euron66	Euron Greyjoy	ch0518715/	/character/ch0518715/	nm1561982	/names/nm1561982/
Faceless67	Faceless Man	ch0259179/	/character/ch0259179/	nm2406775	/names/nm2406775/
Farlen68	Farlen	ch0305027/	/character/ch0305027/	nm0050520	/names/nm0050520/
Gared69	Gared	ch0171395/	/character/ch0171395/	nm0443825	/names/nm0443825/
Gatins70	Gatins	ch0523969/	/character/ch0523969/	nm2307468	/names/nm2307468/
Gendry71	Gendry	ch0300040/	/character/ch0300040/	nm1478079	/names/nm1478079/
Gerold72	Gerold Hightower	ch0540530/	/character/ch0540530/	nm6793798	/names/nm6793798/
Ghost73	Ghost	None	None	None	No
Gilly74	Gilly	ch0306819/	/character/ch0306819/	nm2356940	/names/nm2356940/
Goldcloak75	Goldcloak	ch0305037/	/character/ch0305037/	nm3354768	/names/nm3354768/
Goldcloak76	Goldcloak	ch0305037/	/character/ch0305037/	nm0130538	/names/nm0130538/
Goldcloak77	Goldcloak #1	ch0305037/	/character/ch0305037/	nm2089809	/names/nm2089809/
Goldcloak78	Goldcloak #2	ch0305037/	/character/ch0305037/	nm4440118	/names/nm4440118/
Grand79	Grand Maester Pycelle	ch0232836/	/character/ch0232836/	nm0002103	/names/nm0002103/
Great80	Great Master #1	ch0525536/	/character/ch0525536/	None	No
Great81	Great Master #2	ch0525536/	/character/ch0525536/	None	No
Great82	Great Master #3	ch0525536/	/character/ch0525536/	nm0798872	/names/nm0798872/
Great83	Great Master #4	ch0525536/	/character/ch0525536/	nm7318132	/names/nm7318132/
Great84	Great Master #5	ch0525536/	/character/ch0525536/	nm3005802	/names/nm3005802/
Great85	Great Master #6	ch0525536/	/character/ch0525536/	nm7318134	/names/nm7318134/
Great86	Great Master #7	ch0525536/	/character/ch0525536/	nm7318135	/names/nm7318135/
Greatjon87	Greatjon Umber	ch0305010/	/character/ch0305010/	nm0544139	/names/nm0544139/
Gregor88	Gregor Clegane	ch0245401/	/character/ch0245401/	None	No
Greizhen89	Greizhen mo Ullhor	ch0396531/	/character/ch0396531/	nm0057965	/names/nm0057965/
Grenn90	Grenn	ch0251496/	/character/ch0251496/	nm4440305	/names/nm4440305/
Grey91	Grey Wind	None	None	None	No
Grey92	Grey Worm	ch0335038/	/character/ch0335038/	nm2760664	/names/nm2760664/
Hallyne93	Hallyne	ch0259178/	/character/ch0259178/	nm0234541	/names/nm0234541/
Handmaid94	Handmaid	ch0537855/	/character/ch0537855/	nm6301068	/names/nm6301068/
Handmaid95	Handmaid	ch0537855/	/character/ch0537855/	nm2407387	/names/nm2407387/
Harald96	Harald Karstark	ch0542917/	/character/ch0542917/	nm1051151	/names/nm1051151/
Harry97	Harry Strickland	None	None	nm4704928	/names/nm4704928/
High100	High Septon	ch0508056/	/character/ch0508056/	nm0072855	/names/nm0072855/
High101	High Sparrow	ch0476559/	/character/ch0476559/	nm0000596	/names/nm0000596/

High98	High Priestess	ch0539898/	/character/ch0539898/	nm0267256	/names/nm0267256/
High99	High Septon	ch0508056/	/character/ch0508056/	nm0894857	/names/nm0894857/
Hizdahr102	Hizdahr zo Loraq	ch0414458/	/character/ch0414458/	nm2181128	/names/nm2181128/
Hodor103	Hodor	ch0238584/	/character/ch0238584/	nm3964231	/names/nm3964231/
Hoster104	Hoster Tully	ch0540082/	/character/ch0540082/	nm0628040	/names/nm0628040/
Hot105	Hot Pie	ch0273432/	/character/ch0273432/	nm3444954	/names/nm3444954/
Howland106	Howland Reed	ch0543132/	/character/ch0543132/	nm4547262	/names/nm4547262/
Hugh107	Hugh of the Vale	ch0305026/	/character/ch0305026/	nm2131630	/names/nm2131630/
Illyrio108	Illyrio Mopatis	ch0172909/	/character/ch0172909/	nm0019885	/names/nm0019885/
Ilyn109	Ilyn Payne	ch0246254/	/character/ch0246254/	nm3330122	/names/nm3330122/
Irri110	Irri	ch0249444/	/character/ch0249444/	nm3822505	/names/nm3822505/
Izembaro111	Izembaro	ch0540561/	/character/ch0540561/	nm0001290	/names/nm0001290/
Jacks112	Jacks	ch0305034/	/character/ch0305034/	nm4781280	/names/nm4781280/
Jafer113	Jafer Flowers	None	None	None	None
Jaime114	Jaime Lannister	ch0158527/	/character/ch0158527/	nm0182666	/names/nm0182666/
Janos115	Janos Slynt	ch0300651/	/character/ch0300651/	nm0141582	/names/nm0141582/
Jaquen's117	Jaquen's Disguise	ch0259179/	/character/ch0259179/	nm0641433	/names/nm0641433/
Jaquen116	Jaquen H'ghar	ch0259179/	/character/ch0259179/	nm0937239	/names/nm0937239/
Jaremy118	Jaremy Rykker	ch0305324/	/character/ch0305324/	nm4475335	/names/nm4475335/
Jeor119	Jeor Mormont	ch0251492/	/character/ch0251492/	nm0181920	/names/nm0181920/
Jhiqui120	Jhiqui	ch0305044/	/character/ch0305044/	nm4424689	/names/nm4424689/
Joffrey121	Joffrey Baratheon	ch0156278/	/character/ch0156278/	nm0322416	/names/nm0322416/
Jojen122	Jojen Reed	ch0316921/	/character/ch0316921/	nm1032473	/names/nm1032473/
Jon123	Jon Arryn	ch0251737/	/character/ch0251737/	nm0822062	/names/nm0822062/
Jon124	Jon Snow	ch0155777/	/character/ch0155777/	nm3229685	/names/nm3229685/
Jonos125	Jonos Bracken	ch0305332/	/character/ch0305332/	nm0639569	/names/nm0639569/
Jorah126	Jorah Mormont	ch0158221/	/character/ch0158221/	nm0322513	/names/nm0322513/
Jory127	Jory Cassel	ch0245400/	/character/ch0245400/	nm0803397	/names/nm0803397/
Joyeuse128	Joyeuse Erenford	ch0304494/	/character/ch0304494/	nm4958677	/names/nm4958677/
Karl129	Karl Tanner	ch0396528/	/character/ch0396528/	nm1218607	/names/nm1218607/
Karsi130	Karsi	ch0512707/	/character/ch0512707/	nm2171898	/names/nm2171898/
Kayla131	Kayla	ch0431526/	/character/ch0431526/	nm4768858	/names/nm4768858/
Kegs132	Kegs	ch0305327/	/character/ch0305327/	nm2461009	/names/nm2461009/
Kevan133	Kevan Lannister	ch0305013/	/character/ch0305013/	nm0312245	/names/nm0312245/
Khal134	Khal Drogo	ch0171388/	/character/ch0171388/	nm0597388	/names/nm0597388/
Khal135	Khal Moro	ch0538748/	/character/ch0538748/	nm0622533	/names/nm0622533/
Khal136	Khal Rhalko	ch0535371/	/character/ch0535371/	nm3040811	/names/nm3040811/
King's141	King's Landing Rioter #1	ch0348391/	/character/ch0348391/	nm1168404	/names/nm1168404/



King's142	King's Landing Rioter #2	ch0348391/	/character/ch0348391/	nm0432837	/names/nm0432837/
King's143	King's Landing Rioter #3	ch0348391/	/character/ch0348391/	nm5037688	/names/nm5037688/
King137	King Joffrey Baratheon Dwarf	ch0156278/	/character/ch0156278/	nm0341739	/names/nm0341739/
King138	King Renly Baratheon Dwarf	ch0246253/	/character/ch0246253/	nm2482781	/names/nm2482781/
King139	King Robb Stark Dwarf	ch0158596/	/character/ch0158596/	nm3338062	/names/nm3338062/
King140	King Stannis Baratheon Dwarf	ch0250897/	/character/ch0250897/	nm3453345	/names/nm3453345/
Kinvara144	Kinvara	ch0540065/	/character/ch0540065/	nm0119804	/names/nm0119804/
Kitty145	Kitty Frey	ch0576869/	/character/ch0576869/	nm8314450	/names/nm8314450/
Knight146	Knight of House Frey	ch0305317/	/character/ch0305317/	nm3122423	/names/nm3122423/
Knight147	Knight of House Lynderly	ch0305322/	/character/ch0305322/	nm0734304	/names/nm0734304/
Kovarro148	Kovarro	ch0304969/	/character/ch0304969/	nm0170799	/names/nm0170799/
Kraznys149	Kraznys mo Nakloz	ch0339503/	/character/ch0339503/	nm0383835	/names/nm0383835/
Kurleket150	Kurleket	ch0305315/	/character/ch0305315/	nm4450657	/names/nm4450657/
Lady151	Lady	None	None	None	No
Lady152	Lady Crane	ch0541190/	/character/ch0541190/	nm0204583	/names/nm0204583/
Lancel153	Lancel Lannister	ch0376927/	/character/ch0376927/	nm1638294	/names/nm1638294/
Lannister154	Lannister Captain	ch0305308/	/character/ch0305308/	nm0174449	/names/nm0174449/
Lannister155	Lannister Captain	ch0305308/	/character/ch0305308/	nm0481924	/names/nm0481924/
Lannister156	Lannister Guardsmen	ch0305047/	/character/ch0305047/	nm1406364	/names/nm1406364/
Lannister157	Lannister Messenger	ch0379228/	/character/ch0379228/	nm4492930	/names/nm4492930/
Lannister158	Lannister Scout	ch0379230/	/character/ch0379230/	nm3292422	/names/nm3292422/
Lead159	Lead Dornish Guard	ch0539716/	/character/ch0539716/	nm5908524	/names/nm5908524/
Leaf160	Leaf	ch0467999/	/character/ch0467999/	None	No
Lem161	Lem Lemoncloak	ch0542106/	/character/ch0542106/	nm1778512	/names/nm1778512/
Leo162	Leo Lefford	ch0305040/	/character/ch0305040/	nm0564516	/names/nm0564516/
Lhara163	Lhara	ch0476558/	/character/ch0476558/	nm3330066	/names/nm3330066/
Little164	Little Bird	ch0305326/	/character/ch0305326/	nm6537691	/names/nm6537691/
Little165	Little Bird	ch0305326/	/character/ch0305326/	nm4475204	/names/nm4475204/
Little166	Little Bird #3	ch0305326/	/character/ch0305326/	nm8127150	/names/nm8127150/
Little167	Little Bird #4	ch0305326/	/character/ch0305326/	nm8127151	/names/nm8127151/
Little168	Little Bird #5	ch0305326/	/character/ch0305326/	nm8133415	/names/nm8133415/
Little169	Little Bird #6	ch0305326/	/character/ch0305326/	nm8127152	/names/nm8127152/
Little170	Little Bird #7	ch0305326/	/character/ch0305326/	nm6462692	/names/nm6462692/
Loboda171	Loboda	ch0511931/	/character/ch0511931/	nm1707712	/names/nm1707712/
Locke172	Locke	ch0045904/	/character/ch0045904/	nm0852965	/names/nm0852965/
	Lollys				

Lollys173	Stokeworth	ch0511247/	/character/ch0511247/	nm5502252	/names/nm5502252/
Lommy174	Lommy Greenhands	ch0257030/	/character/ch0257030/	nm2869309	/names/nm2869309/
Loras175	Loras Tyrell	ch0231428/	/character/ch0231428/	nm3645691	/names/nm3645691/
Lord176	Lord Galbart Glover	ch0305041/	/character/ch0305041/	nm5651524	/names/nm5651524/
Lord177	Lord Portan	ch0305334/	/character/ch0305334/	nm1101680	/names/nm1101680/
Lord178	Lord Varys	ch0249636/	/character/ch0249636/	nm0384152	/names/nm0384152/
Lordsport179	Lordsport Dockhand	ch0379224/	/character/ch0379224/	nm0641596	/names/nm0641596/
Lothar180	Lothar Frey	ch0384471/	/character/ch0384471/	None	No
Loyal181	Loyal Night's Watchman #1	ch0509452/	/character/ch0509452/	nm3524836	/names/nm3524836/
Loyal182	Loyal Night's Watchman #2	ch0509452/	/character/ch0509452/	nm6342915	/names/nm6342915/
Lyanna183	Lyanna Mormont	ch0541884/	/character/ch0541884/	nm8165602	/names/nm8165602/
Lyanna184	Lyanna Stark	ch0543804/	/character/ch0543804/	nm4957233	/names/nm4957233/
Lysa185	Lysa Arryn	ch0251736/	/character/ch0251736/	nm0225483	/names/nm0225483/
Mace186	Mace Tyrell	ch0384328/	/character/ch0384328/	nm0004355	/names/nm0004355/
Maester187	Maester Aemon	ch0246936/	/character/ch0246936/	nm0891092	/names/nm0891092/
Maester188	Maester Cressen	ch0255280/	/character/ch0255280/	nm0203882	/names/nm0203882/
Maester189	Maester Luwin	ch0171393/	/character/ch0171393/	nm0838910	/names/nm0838910/
Maester190	Maester Wolkan	ch0550545/	/character/ch0550545/	nm1483416	/names/nm1483416/
Mag191	Mag the Mighty	ch0510933/	/character/ch0510933/	nm2807170	/names/nm2807170/
Maggy192	Maggy	ch0334882/	/character/ch0334882/	nm0562003	/names/nm0562003/
Mago193	Mago	ch0379227/	/character/ch0379227/	nm2162079	/names/nm2162079/
Male194	Male Prostitute	ch0441614/	/character/ch0441614/	nm4982614	/names/nm4982614/
Malko195	Malko	ch0519184/	/character/ch0519184/	nm0015382	/names/nm0015382/
Mance196	Mance Rayder	ch0335039/	/character/ch0335039/	nm0001354	/names/nm0001354/
Mandon197	Mandon Moore	ch0306220/	/character/ch0306220/	nm0243696	/names/nm0243696/
Manservant198	Manservant	ch0525536/	/character/ch0525536/	nm6442298	/names/nm6442298/
Marei199	Marei	ch0431527/	/character/ch0431527/	nm4982706	/names/nm4982706/
Margaery's201	Margaery's Handmaiden	ch0270368/	/character/ch0270368/	nm2983094	/names/nm2983094/
Margaery200	Margaery Tyrell	ch0251974/	/character/ch0251974/	nm1754059	/names/nm1754059/
Marillion202	Marillion	ch0305001/	/character/ch0305001/	nm2047170	/names/nm2047170/
Martyn203	Martyn Lannister	ch0395355/	/character/ch0395355/	nm2835616	/names/nm2835616/
Masha204	Masha Heddle	ch0305314/	/character/ch0305314/	nm3126053	/names/nm3126053/
Matthos205	Matthos Seaworth	ch0305029/	/character/ch0305029/	nm4523680	/names/nm4523680/
Meera206	Meera Reed	ch0316928/	/character/ch0316928/	nm1697771	/names/nm1697771/
Meereen207	Meereen Slave Master	ch0525536/	/character/ch0525536/	nm2911170	/names/nm2911170/
Melessa208	Melessa Tarly	ch0541191/	/character/ch0541191/	nm0819087	/names/nm0819087/

Melisandre209	Melisandre	ch0287523/	/character/ch0287523/	nm0396924	/names/nm0396924/
Merchant210	Merchant Captain	ch0531846/	/character/ch0531846/	nm0997747	/names/nm0997747/
Mero211	Mero	ch0123670/	/character/ch0123670/	nm2075330	/names/nm2075330/
Meryn212	Meryn Trant	ch0246933/	/character/ch0246933/	nm0064155	/names/nm0064155/
Mhaegen213	Mhaegen	ch0305038/	/character/ch0305038/	nm4460936	/names/nm4460936/
Mikken214	Mikken	ch0348528/	/character/ch0348528/	nm4595425	/names/nm4595425/
Mirelle215	Mirelle	ch0323607/	/character/ch0323607/	nm2489799	/names/nm2489799/
Mirri216	Mirri Maz Duur	ch0305011/	/character/ch0305011/	nm0815420	/names/nm0815420/
Missandei217	Missandei	ch0316923/	/character/ch0316923/	nm2812026	/names/nm2812026/
Mord218	Mord	ch0229099/	/character/ch0229099/	nm2197118	/names/nm2197118/
Mossador219	Mossador	ch0508053/	/character/ch0508053/	nm0634139	/names/nm0634139/
Musician220	Musician #1	ch0542919/	/character/ch0542919/	nm5652293	/names/nm5652293/
Musician221	Musician #1	ch0542919/	/character/ch0542919/	nm1743706	/names/nm1743706/
Musician222	Musician #2	ch0542919/	/character/ch0542919/	nm5652121	/names/nm5652121/
Musician223	Musician #2	ch0542919/	/character/ch0542919/	nm1743714	/names/nm1743714/
Musician224	Musician #3	ch0542919/	/character/ch0542919/	nm1743730	/names/nm1743730/
Musician225	Musician #3	ch0542919/	/character/ch0542919/	nm8158202	/names/nm8158202/
Musician226	Musician #4	ch0542919/	/character/ch0542919/	nm8158203	/names/nm8158203/
Musician227	Musician #5	ch0542919/	/character/ch0542919/	nm1944894	/names/nm1944894/
Mycah228	Mycah	ch0305045/	/character/ch0305045/	nm4430905	/names/nm4430905/
Myranda229	Myranda	ch0316926/	/character/ch0316926/	nm3745225	/names/nm3745225/
Myrcella230	Myrcella Baratheon	ch0238585/	/character/ch0238585/	None	No
Ned231	Ned Umber	/title/tt0944947/characters/nm9132255	/title/tt0944947/characters/nm9132255	nm9132255	/names/nm9132255/
Night's232	Night's Watch Deserter	ch0305319/	/character/ch0305319/	nm3226454	/names/nm3226454/
Night's233	Night's Watch Messenger	ch0305327/	/character/ch0305327/	nm0642751	/names/nm0642751/
Night's234	Night's Watch Officer	ch0305036/	/character/ch0305036/	nm4475182	/names/nm4475182/
Night's235	Night's Watch Officer	ch0305036/	/character/ch0305036/	nm5792452	/names/nm5792452/
Night's236	Night's Watchman	ch0509452/	/character/ch0509452/	nm2228622	/names/nm2228622/
Night's237	Night's Watchman	ch0509452/	/character/ch0509452/	nm6706699	/names/nm6706699/
Night's238	Night's Watchman	ch0509452/	/character/ch0509452/	nm3561455	/names/nm3561455/
Night's239	Night's Watchman #1	ch0509452/	/character/ch0509452/	nm0371160	/names/nm0371160/
Night's240	Night's Watchman #2	ch0509452/	/character/ch0509452/	nm6316115	/names/nm6316115/
Night's241	Night's Watchman #2	ch0509452/	/character/ch0509452/	nm0283642	/names/nm0283642/
Northman242	Northman Rioter	ch0348391/	/character/ch0348391/	nm5697839	/names/nm5697839/
Nymeria243	Nymeria	None	None	None	No
Nymeria244	Nymeria Sand	ch0468074/	/character/ch0468074/	nm3725055	/names/nm3725055/
Obara245	Obara Sand	ch0468001/	/character/ch0468001/	nm1095720	/names/nm1095720/

Oberyn246	Oberyn Martell	ch0392307/	/character/ch0392307/	nm0050959	/names/nm0050959/
Old247	Old Nan	ch0305018/	/character/ch0305018/	nm0424191	/names/nm0424191/
Old248	Old Woman Prisoner	ch0327535/	/character/ch0327535/	nm0610312	/names/nm0610312/
Olenna249	Olenna Tyrell	ch0010188/	/character/ch0010188/	nm0001671	/names/nm0001671/
Olly250	Olly	ch0508055/	/character/ch0508055/	nm5282143	/names/nm5282143/
Olyvar251	Olyvar	ch0403194/	/character/ch0403194/	nm4831584	/names/nm4831584/
Orell252	Orell	ch0316922/	/character/ch0316922/	nm0188871	/names/nm0188871/
Ornela253	Ornela	ch0540537/	/character/ch0540537/	nm4789912	/names/nm4789912/
Osha254	Osha	ch0295802/	/character/ch0295802/	nm1164730	/names/nm1164730/
Othell255	Othell Yarwyck	ch0305003/	/character/ch0305003/	nm1987270	/names/nm1987270/
Othor256	Othor	None	None	None	None
Pentoshi257	Pentoshi Servant	ch0305042/	/character/ch0305042/	nm4422639	/names/nm4422639/
Petyr258	Petyr Baelish	ch0245982/	/character/ch0245982/	nm0318821	/names/nm0318821/
Podrick259	Podrick Payne	ch0306046/	/character/ch0306046/	nm4535552	/names/nm4535552/
Polliver260	Polliver	ch0305023/	/character/ch0305023/	nm3464945	/names/nm3464945/
Prendahl261	Prendahl na Ghezn	ch0339504/	/character/ch0339504/	nm0863130	/names/nm0863130/
Pyat262	Pyat Pree	ch0303952/	/character/ch0303952/	nm0360171	/names/nm0360171/
Pypar263	Pypar	ch0273477/	/character/ch0273477/	nm1086981	/names/nm1086981/
Qhono264	Qhono	ch0540066/	/character/ch0540066/	nm7047874	/names/nm7047874/
Qhorin265	Qhorin Halfhand	ch0303951/	/character/ch0303951/	nm1409802	/names/nm1409802/
Qotho266	Qotho	ch0246162/	/character/ch0246162/	nm1502469	/names/nm1502469/
Quaithe267	Quaithe	ch0305022/	/character/ch0305022/	nm3671418	/names/nm3671418/
Qyburn268	Qyburn	ch0316929/	/character/ch0316929/	nm0504320	/names/nm0504320/
Rakharo269	Rakharo	ch0251495/	/character/ch0251495/	nm1175468	/names/nm1175468/
Ramsay270	Ramsay Snow	ch0321004/	/character/ch0321004/	nm3701064	/names/nm3701064/
Randyll271	Randyll Tarly	ch0524408/	/character/ch0524408/	nm0269077	/names/nm0269077/
Rast272	Rast	ch0251498/	/character/ch0251498/	nm4430828	/names/nm4430828/
Rattleshirt273	Rattleshirt	ch0305888/	/character/ch0305888/	None	None
Razdal274	Razdal mo Eraz	ch0413591/	/character/ch0413591/	nm1745190	/names/nm1745190/
Red275	Red Keep Stableboy	ch0379229/	/character/ch0379229/	nm4164318	/names/nm4164318/
Red276	Red Priestess	ch0540866/	/character/ch0540866/	nm4927489	/names/nm4927489/
Red277	Red Priestess	ch0540866/	/character/ch0540866/	nm3822462	/names/nm3822462/
Renly278	Renly Baratheon	ch0246253/	/character/ch0246253/	nm2167445	/names/nm2167445/
Rhaegal279	Rhaegal	None	None	None	None
Rhaegar280	Rhaegar Targaryen	None	None	None	None
Rhaego281	Rhaego	None	None	None	None

Rhaella282	Rhaella Targaryen	None	None	None	No
Rhaenys283	Rhaenys Targaryen	None	None	None	No
Rickard284	Rickard Karstark	ch0305331/	/character/ch0305331/	None	No
Rickard285	Rickard Stark	None	None	None	No
Rickon286	Rickon Stark	ch0233141/	/character/ch0233141/	nm3280686	/names/nm3280686/
Robb287	Robb Stark	ch0158596/	/character/ch0158596/	nm0534635	/names/nm0534635/
Robert288	Robert Baratheon	ch0155776/	/character/ch0155776/	nm0004692	/names/nm0004692/
Robett289	Robett Glover	ch0541747/	/character/ch0541747/	nm0570570	/names/nm0570570/
Robin290	Robin Arryn	ch0300949/	/character/ch0300949/	nm2996220	/names/nm2996220/
Rodrik291	Rodrik Cassel	ch0171391/	/character/ch0171391/	nm0231871	/names/nm0231871/
Roose292	Roose Bolton	ch0305006/	/character/ch0305006/	nm0568385	/names/nm0568385/
Rorge293	Rorge	ch0305019/	/character/ch0305019/	nm0065874	/names/nm0065874/
Ros294	Ros	ch0010187/	/character/ch0010187/	nm2657974	/names/nm2657974/
Roslin295	Roslin Frey	ch0391563/	/character/ch0391563/	nm5093301	/names/nm5093301/
Royal296	Royal Steward	ch0305048/	/character/ch0305048/	nm1414435	/names/nm1414435/
Ryger297	Ryger Rivers	ch0014591/	/character/ch0014591/	nm0565472	/names/nm0565472/
Salladhor298	Salladhor Saan	ch0381104/	/character/ch0381104/	nm1748634	/names/nm1748634/
Samwell299	Samwell Tarly	ch0244961/	/character/ch0244961/	nm4263213	/names/nm4263213/
Sandor300	Sandor Clegane	ch0162882/	/character/ch0162882/	nm0564920	/names/nm0564920/
Sansa301	Sansa Stark	ch0158137/	/character/ch0158137/	nm3849842	/names/nm3849842/
Selyse302	Selyse Baratheon	ch0316924/	/character/ch0316924/	None	No
Septa303	Septa Moelle	ch0540869/	/character/ch0540869/	nm1378629	/names/nm1378629/
Septa304	Septa Mordane	ch0248505/	/character/ch0248505/	nm0114742	/names/nm0114742/
Septa305	Septa Scolera	ch0540869/	/character/ch0540869/	nm1103771	/names/nm1103771/
Septa306	Septa Unella	ch0512215/	/character/ch0512215/	nm1821446	/names/nm1821446/
Septon307	Septon	ch0540865/	/character/ch0540865/	nm0352901	/names/nm0352901/
Septon308	Septon	ch0540865/	/character/ch0540865/	nm0126298	/names/nm0126298/
Ser309	Ser Endrew Tarth	ch0540153/	/character/ch0540153/	nm4757478	/names/nm4757478/
Shae310	Shae	ch0250564/	/character/ch0250564/	nm1402546	/names/nm1402546/
Shagga311	Shagga	ch0305021/	/character/ch0305021/	nm0428765	/names/nm0428765/
Shaggydog312	Shaggydog	None	None	None	No
Shireen313	Shireen Baratheon	ch0306346/	/character/ch0306346/	nm5081192	/names/nm5081192/
Silk314	Silk King	ch0345051/	/character/ch0345051/	nm0432838	/names/nm0432838/
Smalljon315	Smalljon Umber	ch0540067/	/character/ch0540067/	nm2746504	/names/nm2746504/
Spice316	Spice King	ch0305005/	/character/ch0305005/	nm0087432	/names/nm0087432/
Stannis317	Stannis Baratheon	ch0250897/	/character/ch0250897/	nm0226820	/names/nm0226820/
Stark318	Stark Bannerman	ch0517008/	/character/ch0517008/	nm5792452	/names/nm5792452/
Stark319	Stark Guard	ch0305311/	/character/ch0305311/	nm4335246	/names/nm4335246/

Stark320	Stark Guard	ch0305311/	/character/ch0305311/	nm4492916	/names/nm44929
Stark321	Stark Guard	ch0305311/	/character/ch0305311/	nm1423916	/names/nm14239
Stark322	Stark Guard	ch0305311/	/character/ch0305311/	nm5981376	/names/nm59813
Steelshanks323	Steelshanks Walton	ch0396530/	/character/ch0396530/	nm1652341	/names/nm16523
Stevron324	Stevron Frey	ch0305329/	/character/ch0305329/	nm1794801	/names/nm17948
Stiv325	Stiv	ch0304972/	/character/ch0304972/	nm1651043	/names/nm16510
Styr326	Styr	ch0400416/	/character/ch0400416/	nm0464305	/names/nm04643
Summer327	Summer	None	None	None	No
Syrio328	Syrio Forel	ch0246934/	/character/ch0246934/	nm1115654	/names/nm11156
Talisa329	Talisa Maegyr	ch0305007/	/character/ch0305007/	nm2772105	/names/nm27721
Talla330	Talla Tarly	ch0523897/	/character/ch0523897/	nm5039410	/names/nm50394
Ternesio331	Ternesio Terys	ch0473552/	/character/ch0473552/	nm1146807	/names/nm11468
The332	The Bear	ch0085768/	/character/ch0085768/	nm1212069	/names/nm12120
The333	The Night King	ch0512154/	/character/ch0512154/	None	No
The334	The Tickler	ch0305033/	/character/ch0305033/	nm1677757	/names/nm16777
The335	The Waif	ch0508054/	/character/ch0508054/	nm3849670	/names/nm38496
Thenn336	Thenn Warg	ch0400416/	/character/ch0400416/	nm1395532	/names/nm13955
Theon337	Theon Greyjoy	ch0158526/	/character/ch0158526/	nm0654295	/names/nm06542
Thin338	Thin Man	ch0540863/	/character/ch0540863/	nm0534062	/names/nm05340
Thoros339	Thoros of Myr	ch0316927/	/character/ch0316927/	nm0443373	/names/nm04433
Three-Eyed340	Three-Eyed Raven	ch0414457/	/character/ch0414457/	None	No
Timett341	Timett	ch0305004/	/character/ch0305004/	nm4385245	/names/nm43852
Tobho342	Tobho Mott	ch0305039/	/character/ch0305039/	nm0928408	/names/nm09284
Todder343	Todder	ch0509452/	/character/ch0509452/	nm3727276	/names/nm37272
Tomard344	Tomard	ch0305325/	/character/ch0305325/	nm4475303	/names/nm44753
Tommen345	Tommen Baratheon	ch0256424/	/character/ch0256424/	None	No
Tormund346	Tormund Giantsbane	ch0316925/	/character/ch0316925/	nm1970465	/names/nm19704
Trystane347	Trystane Martell	ch0506400/	/character/ch0506400/	nm4514519	/names/nm45145
Tycho348	Tycho Nestoris	ch0468190/	/character/ch0468190/	nm0309693	/names/nm03096
Tyene349	Tyene Sand	ch0468075/	/character/ch0468075/	nm3065809	/names/nm30658
Tyrion350	Tyrion Lannister	ch0146096/	/character/ch0146096/	nm0227759	/names/nm02277
Tywin351	Tywin Lannister	ch0242185/	/character/ch0242185/	nm0001097	/names/nm00010
Vala352	Vala	ch0539344/	/character/ch0539344/	nm5159884	/names/nm51598
Vardis353	Vardis Egen	ch0294458/	/character/ch0294458/	nm1788152	/names/nm17881
Varly354	Varly	ch0379226/	/character/ch0379226/	nm1378721	/names/nm13787
Viserion355	Viserion	None	None	None	No
Viserys356	Viserys Targaryen	ch0155775/	/character/ch0155775/	nm0516003	/names/nm05160
Walda357	Walda Bolton	ch0506401/	/character/ch0506401/	nm3531913	/names/nm35319
Walder358	Walder Frey	ch0305328/	/character/ch0305328/	nm0103195	/names/nm01031
Wallen359	Wallen	None	None	None	No

Warlock360	Warlock	ch0539881/	/character/ch0539881/	nm5390029	/names/nm5390029/
Waymar361	Waymar Royce	ch0171390/	/character/ch0171390/	nm3209935	/names/nm3209935/
Wedding362	Wedding Band	ch0506962/	/character/ch0506962/	nm1460176	/names/nm1460176/
White363	White Walker	ch0304921/	/character/ch0304921/	nm1613839	/names/nm1613839/
White364	White Walker	ch0304921/	/character/ch0304921/	nm1368643	/names/nm1368643/
White365	White Walker	ch0304921/	/character/ch0304921/	nm0516385	/names/nm0516385/
White366	White Walker #2	ch0304921/	/character/ch0304921/	nm1872855	/names/nm1872855/
Wight367	Wight Wildling Girl	ch0305043/	/character/ch0305043/	nm4422708	/names/nm4422708/
Wildling368	Wildling Rioter	ch0348391/	/character/ch0348391/	nm8199963	/names/nm8199963/
Will369	Will	ch0171394/	/character/ch0171394/	nm0916037	/names/nm0916037/
Willem370	Willem Lannister	ch0395356/	/character/ch0395356/	nm5624523	/names/nm5624523/
Willis371	Willis Wode	ch0305315/	/character/ch0305315/	nm4416560	/names/nm4416560/
Wine372	Wine Merchant	ch0305323/	/character/ch0305323/	nm0523047	/names/nm0523047/
Winterfell373	Winterfell Shepherd	ch0306456/	/character/ch0306456/	nm0214343	/names/nm0214343/
Wun374	Wun Wun	ch0524621/	/character/ch0524621/	nm1613839	/names/nm1613839/
Wyllis375	Wyllis	ch0238584/	/character/ch0238584/	nm4744043	/names/nm4744043/
Xaro376	Xaro Xhoan Daxos	ch0303950/	/character/ch0303950/	nm1996829	/names/nm1996829/
Yara377	Yara Greyjoy	ch0300217/	/character/ch0300217/	nm2247629	/names/nm2247629/
Yezzan378	Yezzan zo Qaggaz	ch0470706/	/character/ch0470706/	nm0162281	/names/nm0162281/
Ygritte379	Ygritte	ch0304492/	/character/ch0304492/	nm3310211	/names/nm3310211/
Yohn380	Yohn Royce	ch0524546/	/character/ch0524546/	nm0889338	/names/nm0889338/
Yoren381	Yoren	ch0251493/	/character/ch0251493/	nm0535837	/names/nm0535837/
Young382	Young Benjen Stark	ch0153996/	/character/ch0153996/	nm5502295	/names/nm5502295/
Young383	Young Cersei Lannister	ch0159526/	/character/ch0159526/	nm5309709	/names/nm5309709/
Young384	Young Lyanna Stark	ch0543804/	/character/ch0543804/	nm8108764	/names/nm8108764/
Young385	Young Nan	ch0305018/	/character/ch0305018/	nm1519719	/names/nm1519719/
Young386	Young Ned	ch0154681/	/character/ch0154681/	nm7075019	/names/nm7075019/
Young387	Young Ned Stark	ch0154681/	/character/ch0154681/	nm7509185	/names/nm7509185/
Young388	Young Rodrik Cassel	ch0171391/	/character/ch0171391/	nm7509186	/names/nm7509186/
Zanrush389	Zanrush	ch0540870/	/character/ch0540870/	nm0503319	/names/nm0503319/

```
In [881]: from sqlalchemy import create_engine
import pandas
import numpy as np
# Connect to MySQL database
engine = create_engine(full_url)
sql = "select * from s23_w4111_hw2_yb2540.charactersFixed"
characters_fixed_df = pandas.read_sql(sql, con=engine)
characters_fixed_df = characters_fixed_df.fillna(np.nan)
```

```
In [882]: characters_fixed_df
```

Out [882]:

	characterId	characterName	characterImdbID	characterLink	actorNConst	actorLink	characterImageFull	charac
0	Addam1	Addam Marbrand	ch0305333/	/character/ch0305333/	nm0389698	/names/nm0389698	NaN	
1	Aegon2	Aegon Targaryen	NaN	NaN	NaN	NaN	NaN	
2	Aeron3	Aeron Greyjoy	ch0540081/	/character/ch0540081/	nm0269923	/names/nm0269923	https://images-na.ssl-images-amazon.com/images...	https://amaz
3	Aerys4	Aerys II Targaryen	ch0541362/	/character/ch0541362/	nm0727778	/names/nm0727778	https://images-na.ssl-images-amazon.com/images...	https://amaz
4	Akho5	Akho	ch0544520/	/character/ch0544520/	nm6729880	/names/nm6729880	https://images-na.ssl-images-amazon.com/images...	https://amaz
...	...	...	...	...	...	...	...	...
384	Young385	Young Nan	ch0305018/	/character/ch0305018/	nm1519719	/names/nm1519719	NaN	
385	Young386	Young Ned	ch0154681/	/character/ch0154681/	nm7075019	/names/nm7075019	NaN	
386	Young387	Young Ned Stark	ch0154681/	/character/ch0154681/	nm7509185	/names/nm7509185	NaN	
387	Young388	Young Rodrik Cassel	ch0171391/	/character/ch0171391/	nm7509186	/names/nm7509186	NaN	
388	Zanrush389	Zanrush	ch0540870/	/character/ch0540870/	nm0503319	/names/nm0503319	https://images-na.ssl-images-amazon.com/images...	https://amaz

389 rows x 10 columns

In [883...

```
print("characters_df", characters_df.columns)
print("characters_fixed_df",characters_fixed_df.columns)

characters_df
Index(['characterId', 'characterName', 'characterImdbID', 'characterLink',
      'actorNconst', 'actorLink', 'characterImageFull', 'characterImageThumb',
      'kingsguard', 'royal'],
      dtype='object')
characters_fixed_df
Index(['characterId', 'characterName', 'characterImdbID', 'characterLink',
      'actorNConst', 'actorLink', 'characterImageFull', 'characterImageThumb',
      'kingsguard', 'royal'],
      dtype='object')
```

In [884...

```
# comparing the two dataframes
characters_df_name = "characters_df"
characters_fixed_df_name = "characters_fixed_df"

print("characters_df and characters_fixed_df dtypes:")
for df, name in [(characters_df, characters_df_name), (characters_fixed_df, characters_fixed_df_name)]:
    print(f"\nDataframe: {name}\n{df.head(2)}\n")
    for col in df.columns:
        print(f"{col}: {df[col].dtype}")
```



characters\_df and characters\_fixed\_df dtypes:

```
Dataframe: characters_df
  characterId  characterName characterImdbID  characterLink \
0      Addam1    Addam Marbrand    ch0305333 /character/ch0305333
1      Aegon2    Aegon Targaryen          NaN          NaN

  actorNconst  actorLink characterImageFull characterImageThumb \
0    nm0389698 /names/nm0389698          NaN          NaN
1          NaN          NaN          NaN          NaN

  kingsguard  royal
0          NaN    NaN
1          NaN    1.0

characterId: object
characterName: object
characterImdbID: object
characterLink: object
actorNconst: object
actorLink: object
characterImageFull: object
characterImageThumb: object
kingsguard: float64
royal: float64
```

```
Dataframe: characters_fixed_df
  characterId  characterName characterImdbID  characterLink \
0      Addam1    Addam Marbrand    ch0305333/ /character/ch0305333/
1      Aegon2    Aegon Targaryen          NaN          NaN

  actorNConst  actorLink characterImageFull characterImageThumb \
0    nm0389698 /names/nm0389698          NaN          NaN
1          NaN          NaN          NaN          NaN

  kingsguard  royal
0          NaN    NaN
1          NaN    1.0

characterId: object
characterName: object
characterImdbID: object
characterLink: object
actorNConst: object
actorLink: object
characterImageFull: object
characterImageThumb: object
kingsguard: float64
royal: float64
```

## name\_basics\_all

- The column `primaryProfessions` is multi-valued and non-atomic. This violates good relational design principle.
- Create a new table `name_basics_all_fixed` which does not have the column `primaryProfessions`.
- You will need to use SQL to create and load other tables with information from `name_basics_all` to enable you to create a view `name_basics_all_fixed_view` that recreates the data in `name_basics_all`. The tables you create should have atomic columns, primary keys and foreign keys, etc.

In [885...

```
%%sql

/* Use this cell and others to create tables, load data, etc. */
```

```
* mysql+pymysql://root:***@localhost
0 rows affected.
```

Out[885]: []

In [886...

```
%%sql
# describe name_basics_all;
select * from name_basics_all
limit 5
```

```
* mysql+pymysql://root:***@localhost
5 rows affected.
```

Out[886]:

nconst	primaryName	birthYear	deathYear	primaryProfession	knownForTitles
nm0389698	B.J. Hogg	1955	2020	actor,music_department	tt0970411,tt09444947,tt0986233,tt1240982
nm0269923	Michael Feast	1946	None	actor,composer	tt0472160,tt0162661,tt0120879,tt0362192
nm0727778	David Rintoul	1948	None	actor	tt1655420,tt1139328,tt4786824,tt6079772
nm6729880	Chuku Modu	1990	None	actor,writer,producer	tt4154664,tt2674426,tt6470478,tt09444947
nm0853583	Owen Teale	1961	None	actor	tt0102797,tt0485301,tt0462396,tt09444947

In [ ]:

In [887...

```
%%sql
CREATE TABLE name_basics_all_fixed (
    nconst VARCHAR(20) PRIMARY KEY,
    birthYear INT,
    deathYear INT
);
```

```
* mysql+pymysql://root:***@localhost
0 rows affected.
```

Out[887]:

[ ]

In [888...

```
%%sql
INSERT INTO name_basics_all_fixed (nconst, birthYear, deathYear)
SELECT nconst, birthYear, deathYear
FROM name_basics_all;
```

```
* mysql+pymysql://root:***@localhost
350 rows affected.
```

Out[888]:

[ ]

In [889...

```
!pip install nameparser
```

```
Requirement already satisfied: nameparser in /Users/yatharth/opt/anaconda3/lib/python3.9/site-packages (1.1.2)
```

In [890...

```
!pip install nltk
```

```
Requirement already satisfied: nltk in /Users/yatharth/opt/anaconda3/lib/python3.9/site-packages (3.7)
Requirement already satisfied: regex>=2021.8.3 in /Users/yatharth/opt/anaconda3/lib/python3.9/site-packages (from nltk) (2022.7.9)
Requirement already satisfied: joblib in /Users/yatharth/opt/anaconda3/lib/python3.9/site-packages (from nltk) (1.1.0)
Requirement already satisfied: click in /Users/yatharth/opt/anaconda3/lib/python3.9/site-packages (from nltk) (8.0.4)
Requirement already satisfied: tqdm in /Users/yatharth/opt/anaconda3/lib/python3.9/site-packages (from nltk) (4.64.1)
```

In [891...

```
import nltk
nltk.download('punkt')
```

```
[nltk_data] Downloading package punkt to /Users/yatharth/nltk_data...
[nltk_data] Package punkt is already up-to-date!
```

Out[891]:

True

In [892...

```
from sqlalchemy import create_engine

server = 'localhost'
port = '3306'
database = 's23_w4111_hw2_yb2540'
username = 'root'
password = 'yatharth'

engine1 = create_engine(f'mysql+pymysql://{username}:{password}@{server}:{port}/{database}', echo=True)
```

```

In [893.. import pandas as pd
import nameparser
from nltk.tokenize import word_tokenize
from sqlalchemy import create_engine

# Load data into a pandas DataFrame
sql2 = "select * from s23_w4111_hw2_yb2540.name_basics_all"
df = pd.read_sql(sql2, con=engine1)

# Split primaryName into first name, last name, middle name, suffix, and nickname
def parse_name(name):
    parsed_name = nameparser.HumanName(name)
    return (parsed_name.first, parsed_name.last, parsed_name.middle, parsed_name.suffix, parsed_name.nickname)

df[['firstName', 'lastName', 'middleName', 'suffix', 'nickname']] = df['primaryName'].apply(parse_name).apply(pd.Series)

# Split primaryProfession into separate rows
df['primaryProfession'] = df['primaryProfession'].apply(lambda x: x.split(',') if isinstance(x, str) else [])

profession_rows = []
for row in df.iteruples():
    for profession in row.primaryProfession:
        profession_rows.append((row.nconst, profession))
profession_df = pd.DataFrame(profession_rows, columns=['nconst', 'profession'])

# Split knownForTitles into separate rows
df['knownForTitles'] = df['knownForTitles'].fillna('')
df['knownForTitles'] = df['knownForTitles'].str.split(',')
title_rows = []
for row in df.iteruples():
    for title in row.knownForTitles:
        title_rows.append((row.nconst, title))
title_df = pd.DataFrame(title_rows, columns=['nconst', 'titleId'])

# create separate tables for primaryName, primaryProfession, and knownTitle
with engine1.connect() as con:
    con.execute('DROP TABLE IF EXISTS primaryName')
    con.execute('DROP TABLE IF EXISTS primaryProfession')
    con.execute('DROP TABLE IF EXISTS knownForTitles')
    con.execute('''CREATE TABLE primaryName (
        nconst VARCHAR(10) PRIMARY KEY,
        firstName VARCHAR(255),
        lastName VARCHAR(255),
        middleName VARCHAR(255),
        suffix VARCHAR(255),
        nickname VARCHAR(255)
    )''')
    con.execute('''CREATE TABLE primaryProfession (
        nconst VARCHAR(10),
        profession VARCHAR(255),
        FOREIGN KEY (nconst) REFERENCES primaryName(nconst)
    )''')
    con.execute('''CREATE TABLE knownForTitles (
        nconst VARCHAR(10),
        titleId VARCHAR(20),
        FOREIGN KEY (nconst) REFERENCES primaryName(nconst)
    )''')

df[['nconst', 'firstName', 'lastName', 'middleName', 'suffix', 'nickname']].to_sql('primaryName', con=engine1, if_exists='replace', index=False)
profession_df.to_sql('primaryProfession', con=engine1, if_exists='append', index=False)
title_df.to_sql('knownForTitles', con=engine1, if_exists='append', index=False)

```

```

2023-03-12 23:19:10,541 INFO sqlalchemy.engine.Engine SELECT DATABASE()
2023-03-12 23:19:10,542 INFO sqlalchemy.engine.Engine [raw sql] {}
2023-03-12 23:19:10,545 INFO sqlalchemy.engine.Engine SELECT @@sql_mode
2023-03-12 23:19:10,546 INFO sqlalchemy.engine.Engine [raw sql] {}
2023-03-12 23:19:10,547 INFO sqlalchemy.engine.Engine SELECT @@lower_case_table_names
2023-03-12 23:19:10,548 INFO sqlalchemy.engine.Engine [raw sql] {}
2023-03-12 23:19:10,552 INFO sqlalchemy.engine.Engine SELECT COUNT(*) FROM information_schema.tables WHERE table_schema = %(table_schema)s AND table_name = %(table_name)s
2023-03-12 23:19:10,553 INFO sqlalchemy.engine.Engine [generated in 0.00074s] {'table_schema': 's23_w4111_hw2_yb2540', 'table_name': 'select * from s23_w4111_hw2_yb2540.name_basics_all'}
2023-03-12 23:19:10,556 INFO sqlalchemy.engine.Engine select * from s23_w4111_hw2_yb2540.name_basics_all
2023-03-12 23:19:10,557 INFO sqlalchemy.engine.Engine [raw sql] {}
2023-03-12 23:19:10,636 INFO sqlalchemy.engine.Engine DROP TABLE IF EXISTS primaryName
2023-03-12 23:19:10,637 INFO sqlalchemy.engine.Engine [raw sql] {}
2023-03-12 23:19:10,639 INFO sqlalchemy.engine.Engine COMMIT
2023-03-12 23:19:10,640 INFO sqlalchemy.engine.Engine DROP TABLE IF EXISTS primaryProfession
2023-03-12 23:19:10,641 INFO sqlalchemy.engine.Engine [raw sql] {}
2023-03-12 23:19:10,642 INFO sqlalchemy.engine.Engine COMMIT

```

```

2023-03-12 23:19:10,643 INFO sqlalchemy.engine.Engine DROP TABLE IF EXISTS knownForTitles
2023-03-12 23:19:10,643 INFO sqlalchemy.engine.Engine [raw sql] {}
2023-03-12 23:19:10,644 INFO sqlalchemy.engine.Engine COMMIT
2023-03-12 23:19:10,645 INFO sqlalchemy.engine.Engine CREATE TABLE primaryName (
    nconst VARCHAR(10) PRIMARY KEY,
    firstName VARCHAR(255),
    lastName VARCHAR(255),
    middleName VARCHAR(255),
    suffix VARCHAR(255),
    nickname VARCHAR(255)
)
2023-03-12 23:19:10,645 INFO sqlalchemy.engine.Engine [raw sql] {}
2023-03-12 23:19:10,654 INFO sqlalchemy.engine.Engine COMMIT
2023-03-12 23:19:10,655 INFO sqlalchemy.engine.Engine CREATE TABLE primaryProfession (
    nconst VARCHAR(10),
    profession VARCHAR(255),

    FOREIGN KEY (nconst) REFERENCES primaryName(nconst)
)
2023-03-12 23:19:10,655 INFO sqlalchemy.engine.Engine [raw sql] {}
2023-03-12 23:19:10,665 INFO sqlalchemy.engine.Engine COMMIT
2023-03-12 23:19:10,666 INFO sqlalchemy.engine.Engine CREATE TABLE knownForTitles (
    nconst VARCHAR(20),
    titleId VARCHAR(20),

    FOREIGN KEY (nconst) REFERENCES primaryName(nconst)
)
2023-03-12 23:19:10,666 INFO sqlalchemy.engine.Engine [raw sql] {}
2023-03-12 23:19:10,676 INFO sqlalchemy.engine.Engine COMMIT
2023-03-12 23:19:10,681 INFO sqlalchemy.engine.Engine SELECT COUNT(*) FROM information_schema.tables WHERE table
_schema = %(table_schema)s AND table_name = %(table_name)s
2023-03-12 23:19:10,682 INFO sqlalchemy.engine.Engine [cached since 0.1299s ago] {'table_schema': 's23_w4111_hw2
_yb2540', 'table_name': 'primaryName'}
2023-03-12 23:19:10,684 INFO sqlalchemy.engine.Engine BEGIN (implicit)
2023-03-12 23:19:10,688 INFO sqlalchemy.engine.Engine INSERT INTO `primaryName` (nconst, `firstName`, `lastName`,
`middleName`, suffix, nickname) VALUES (%(nconst)s, %(firstName)s, %(lastName)s, %(middleName)s, %(suffix)s, %(
nickname)s)
2023-03-12 23:19:10,689 INFO sqlalchemy.engine.Engine [generated in 0.00215s] ({'nconst': 'nm0389698', 'firstNam
e': 'B.J.', 'lastName': 'Hogg', 'middleName': '', 'suffix': '', 'nickname': ''}, {'nconst': 'nm0269923', 'firstN
ame': 'Michael', 'lastName': 'Feast', 'middleName': '', 'suffix': '', 'nickname': ''}, {'nconst': 'nm0727778', '
firstName': 'David', 'lastName': 'Rintoul', 'middleName': '', 'suffix': '', 'nickname': ''}, {'nconst': 'nm67298
80', 'firstName': 'Chuku', 'lastName': 'Modu', 'middleName': '', 'suffix': '', 'nickname': ''}, {'nconst': 'nm08
53583', 'firstName': 'Owen', 'lastName': 'Teale', 'middleName': '', 'suffix': '', 'nickname': ''}, {'nconst': 'n
m0203801', 'firstName': 'Karl', 'lastName': 'Davies', 'middleName': '', 'suffix': '', 'nickname': ''}, {'nconst'
: 'nm8257864', 'firstName': 'Megan', 'lastName': 'Parkinson', 'middleName': '', 'suffix': '', 'nickname': ''}, {
'nconst': 'nm0571654', 'firstName': 'Fintan', 'lastName': 'McKeown', 'middleName': '', 'suffix': '', 'nickname':
''} ... displaying 10 of 350 total bound parameter sets ... {'nconst': 'nm3226454', 'firstName': 'Barry', 'las
tName': 'O'Connor', 'middleName': 'John', 'suffix': '', 'nickname': ''}, {'nconst': 'nm8199963', 'firstName': 'M
ichael', 'lastName': 'Patrick', 'middleName': '', 'suffix': '', 'nickname': ''})
2023-03-12 23:19:10,701 INFO sqlalchemy.engine.Engine COMMIT
2023-03-12 23:19:10,703 INFO sqlalchemy.engine.Engine SHOW FULL TABLES FROM `s23_w4111_hw2_yb2540`
2023-03-12 23:19:10,703 INFO sqlalchemy.engine.Engine [raw sql] {}
2023-03-12 23:19:10,707 INFO sqlalchemy.engine.Engine SELECT COUNT(*) FROM information_schema.tables WHERE table
_schema = %(table_schema)s AND table_name = %(table_name)s
2023-03-12 23:19:10,707 INFO sqlalchemy.engine.Engine [cached since 0.1555s ago] {'table_schema': 's23_w4111_hw2
_yb2540', 'table_name': 'primaryProfession'}
2023-03-12 23:19:10,710 INFO sqlalchemy.engine.Engine BEGIN (implicit)
2023-03-12 23:19:10,713 INFO sqlalchemy.engine.Engine INSERT INTO `primaryProfession` (nconst, profession) VALUE
S (%(nconst)s, %(profession)s)
2023-03-12 23:19:10,713 INFO sqlalchemy.engine.Engine [generated in 0.00209s] ({'nconst': 'nm0389698', 'professi
on': 'actor'}, {'nconst': 'nm0389698', 'profession': 'music_department'}, {'nconst': 'nm0269923', 'profession':
'actor'}, {'nconst': 'nm0269923', 'profession': 'composer'}, {'nconst': 'nm0727778', 'profession': 'actor'}, {'n
const': 'nm6729880', 'profession': 'actor'}, {'nconst': 'nm6729880', 'profession': 'writer'}, {'nconst': 'nm6729
880', 'profession': 'producer'} ... displaying 10 of 610 total bound parameter sets ... {'nconst': 'nm0503319'
, 'profession': 'director'}, {'nconst': 'nm0503319', 'profession': 'writer'})
2023-03-12 23:19:10,732 INFO sqlalchemy.engine.Engine COMMIT
2023-03-12 23:19:10,733 INFO sqlalchemy.engine.Engine SHOW FULL TABLES FROM `s23_w4111_hw2_yb2540`
2023-03-12 23:19:10,734 INFO sqlalchemy.engine.Engine [raw sql] {}
2023-03-12 23:19:10,737 INFO sqlalchemy.engine.Engine SELECT COUNT(*) FROM information_schema.tables WHERE table
_schema = %(table_schema)s AND table_name = %(table_name)s
2023-03-12 23:19:10,738 INFO sqlalchemy.engine.Engine [cached since 0.1861s ago] {'table_schema': 's23_w4111_hw2
_yb2540', 'table_name': 'knownForTitles'}
2023-03-12 23:19:10,740 INFO sqlalchemy.engine.Engine BEGIN (implicit)
2023-03-12 23:19:10,747 INFO sqlalchemy.engine.Engine INSERT INTO `knownForTitles` (nconst, `titleId`) VALUES (%
(nconst)s, %(titleId)s)
2023-03-12 23:19:10,748 INFO sqlalchemy.engine.Engine [generated in 0.00590s] ({'nconst': 'nm0389698', 'titleId'
: 'tt0970411'}, {'nconst': 'nm0389698', 'titleId': 'tt0944947'}, {'nconst': 'nm0389698', 'titleId': 'tt0986233'}
, {'nconst': 'nm0389698', 'titleId': 'tt1240982'}, {'nconst': 'nm0269923', 'titleId': 'tt0472160'}, {'nconst': '
nm0269923', 'titleId': 'tt0162661'}, {'nconst': 'nm0269923', 'titleId': 'tt0120879'}, {'nconst': 'nm0269923', 't
itleId': 'tt0362192'} ... displaying 10 of 1319 total bound parameter sets ... {'nconst': 'nm3226454', 'titleI
d': ''}, {'nconst': 'nm8199963', 'titleId': ''})
2023-03-12 23:19:10,777 INFO sqlalchemy.engine.Engine COMMIT
2023-03-12 23:19:10,779 INFO sqlalchemy.engine.Engine SHOW FULL TABLES FROM `s23_w4111_hw2_yb2540`
2023-03-12 23:19:10,779 INFO sqlalchemy.engine.Engine [raw sql] {}

```

Out[893]: 1319

```
In [903]: %%sql
# showcasing this as this was the main requirement of the question for grading.
select * from primaryProfession
```

\* mysql+pymysql://root:\*\*\*@localhost  
610 rows affected.

Out[903]:

nconst	profession
nm0389698	actor
nm0389698	music_department
nm0269923	actor
nm0269923	composer
nm0727778	actor
nm6729880	actor
nm6729880	writer
nm6729880	producer
nm0853583	actor
nm0203801	actor
nm0203801	producer
nm8257864	actress
nm0571654	actor
nm1528121	actor
nm0000980	actor
nm0000980	writer
nm0000980	soundtrack
nm0649046	actor
nm1783582	actress
nm8127149	actor
nm8127149	soundtrack
nm1074361	actor
nm1074361	producer
nm1074361	writer
nm3586035	actress
nm3586035	producer
nm3586035	soundtrack
nm0538869	actor
nm0538869	writer
nm0538869	soundtrack
nm4207240	actor
nm0568400	actor
nm0568400	director
nm0568400	soundtrack
nm1152798	actor
nm4730958	actress
nm0429956	actor
nm1978998	actor
nm1978998	transportation_department
nm1978998	sound_department
nm1043031	actor
nm1043031	director
nm1043031	producer
nm5279916	actor

nm5279916	miscellaneous
nm1638006	actor
nm3652842	actor
nm3652842	soundtrack
nm5106314	stunts
nm5106314	actress
nm5106314	director
nm3729225	actress
nm3729225	producer
nm3729225	art_department
nm0283492	actor
nm0283492	soundtrack
nm0574534	actor
nm0574534	producer
nm0574534	director
nm0751085	actor
nm0751085	soundtrack
nm1214477	actor
nm0265610	actress
nm0734498	actor
nm0372176	actress
nm0372176	producer
nm0372176	soundtrack
nm2456829	actress
nm0404809	writer
nm0404809	actor
nm0404809	producer
nm4007028	actor
nm0700059	actor
nm0700059	writer
nm0700059	director
nm3592338	actress
nm3592338	soundtrack
nm0408591	actor
nm0408591	soundtrack
nm3996678	actress
nm0192377	actor
nm0192377	director
nm0192377	producer
nm1613839	actor
nm1613839	stunts
nm1613839	miscellaneous
nm1368037	actor
nm0915453	actor
nm0915453	writer
nm0915453	director
nm0796502	actor
nm0796502	director
nm0796502	soundtrack
nm1861467	actress

nm6088160	actor
nm2999602	actor
nm2231505	actor
nm0752638	actor
nm0000293	actor
nm0000293	producer
nm0000293	animation_department
nm0174005	actor
nm0174005	director
nm0174005	miscellaneous
nm0580014	actor
nm0580014	soundtrack
nm0890055	actress
nm0890055	producer
nm4473207	actor
nm1561982	actor
nm1561982	soundtrack
nm1561982	miscellaneous
nm2406775	actor
nm0050520	actor
nm0050520	miscellaneous
nm0443825	actor
nm2307468	actor
nm1478079	actor
nm1478079	soundtrack
nm6793798	actor
nm6793798	miscellaneous
nm6793798	set_decorator
nm2356940	actress
nm2356940	soundtrack
nm3354768	actor
nm0130538	actor
nm0130538	writer
nm0130538	producer
nm2089809	stunts
nm2089809	actor
nm2089809	miscellaneous
nm4440118	actor
nm4440118	stunts
nm0002103	actor
nm0002103	soundtrack
nm0798872	actor
nm7318132	actor
nm3005802	actor
nm3005802	editor
nm3005802	miscellaneous
nm7318134	actor
nm7318135	actor
nm0544139	actor
nm0544139	writer

nm0057965	actor
nm4440305	actor
nm2760664	actor
nm2760664	soundtrack
nm0234541	actor
nm0234541	writer
nm6301068	actress
nm2407387	actress
nm1051151	actor
nm4704928	actor
nm4704928	director
nm4704928	writer
nm0267256	actress
nm0894857	actor
nm0072855	actor
nm0000596	actor
nm0000596	soundtrack
nm0000596	producer
nm2181128	actor
nm2181128	producer
nm3964231	actor
nm3964231	producer
nm0628040	assistant_director
nm0628040	producer
nm0628040	miscellaneous
nm3444954	actor
nm4547262	stunts
nm4547262	actor
nm2131630	actor
nm0019885	actor
nm0019885	soundtrack
nm3330122	actor
nm3330122	soundtrack
nm3822505	actress
nm3822505	director
nm3822505	producer
nm0001290	actor
nm0001290	soundtrack
nm0001290	director
nm4781280	actor
nm4781280	director
nm4781280	writer
nm0182666	actor
nm0182666	producer
nm0182666	writer
nm0141582	actor
nm0937239	actor
nm0641433	actor
nm4475335	actor
nm0181920	actor



nm0181920	soundtrack
nm0181920	producer
nm4424689	actress
nm4424689	miscellaneous
nm0322416	actor
nm1032473	actor
nm1032473	producer
nm1032473	soundtrack
nm0822062	actor
nm0822062	soundtrack
nm3229685	actor
nm3229685	writer
nm3229685	producer
nm0639569	actor
nm0322513	actor
nm0322513	producer
nm0322513	soundtrack
nm0803397	actor
nm0803397	producer
nm0803397	director
nm4958677	art_department
nm4958677	actress
nm4958677	assistant_director
nm1218607	actor
nm1218607	soundtrack
nm2171898	actress
nm4768858	actress
nm4768858	miscellaneous
nm4768858	stunts
nm2461009	actor
nm2461009	talent_agent
nm0312245	actor
nm0597388	actor
nm0597388	producer
nm0597388	writer
nm0622533	actor
nm3040811	actor
nm0341739	actor
nm0341739	miscellaneous
nm2482781	actor
nm3338062	actor
nm3338062	stunts
nm3453345	actor
nm1168404	stunts
nm1168404	actor
nm1168404	miscellaneous
nm0432837	actor
nm0432837	sound_department
nm0432837	composer
nm5037688	actress

nm0119804	actress
nm0119804	soundtrack
nm8314450	actress
nm3122423	actor
nm0734304	actor
nm0170799	actor
nm0383835	actor
nm0383835	cinematographer
nm4450657	actor
nm0204583	actress
nm0204583	producer
nm0204583	soundtrack
nm1638294	actor
nm1638294	producer
nm0174449	actor
nm0481924	actor
nm1406364	actor
nm4492930	actor
nm3292422	actor
nm5908524	actor
nm1778512	actor
nm1778512	sound_department
nm0564516	actor
nm3330066	actress
nm3330066	production_manager
nm6537691	actor
nm4475204	actor
nm8127150	actor
nm8127151	actor
nm8133415	actress
nm8127152	actress
nm6462692	actor
nm1707712	actor
nm0852965	actor
nm0852965	soundtrack
nm0852965	script_department
nm5502252	actress
nm2869309	actor
nm2869309	writer
nm2869309	director
nm3645691	actor
nm5651524	actor
nm1101680	actor
nm0384152	actor
nm0384152	writer
nm0384152	producer
nm0641596	actor
nm3524836	talent_agent
nm3524836	actor
nm3524836	executive

nm6342915	actor
nm8165602	actress
nm4957233	actress
nm4957233	soundtrack
nm0225483	actress
nm0225483	producer
nm0004355	actor
nm0004355	director
nm0004355	writer
nm0891092	actor
nm0891092	soundtrack
nm0203882	actor
nm0838910	actor
nm1483416	actor
nm2807170	actor
nm2807170	stunts
nm2807170	miscellaneous
nm0562003	actress
nm0562003	writer
nm0562003	director
nm2162079	stunts
nm2162079	actor
nm4982614	actor
nm0015382	actor
nm0015382	writer
nm0015382	director
nm0001354	actor
nm0001354	soundtrack
nm0243696	actor
nm6442298	actor
nm4982706	actress
nm1754059	actress
nm1754059	writer
nm1754059	producer
nm2983094	actress
nm2047170	actor
nm2835616	actor
nm3126053	actress
nm4523680	actor
nm1697771	actress
nm1697771	writer
nm1697771	soundtrack
nm2911170	actor
nm0819087	actress
nm0396924	actress
nm0396924	producer
nm0396924	soundtrack
nm0997747	actor
nm0997747	producer
nm0997747	miscellaneous

nm2075330	actor
nm0064155	actor
nm0064155	director
nm0064155	writer
nm4460936	actress
nm4595425	miscellaneous
nm4595425	actor
nm4595425	stunts
nm2489799	actress
nm2489799	soundtrack
nm0815420	actress
nm0815420	composer
nm0815420	music_department
nm2812026	actress
nm2197118	actor
nm0634139	actor
nm5652293	actor
nm5652293	soundtrack
nm5652293	composer
nm1743706	soundtrack
nm1743706	composer
nm1743706	music_department
nm5652121	actor
nm5652121	soundtrack
nm5652121	composer
nm1743714	soundtrack
nm1743714	composer
nm1743714	music_department
nm1743730	soundtrack
nm1743730	music_department
nm1743730	composer
nm8158202	soundtrack
nm8158202	actor
nm8158202	composer
nm8158203	actor
nm8158203	soundtrack
nm8158203	music_department
nm1944894	actor
nm1944894	soundtrack
nm1944894	composer
nm4430905	actor
nm3745225	actress
nm3745225	soundtrack
nm9132255	actor
nm0642751	actor
nm4475182	actor
nm5792452	actor
nm5792452	assistant_director
nm5792452	make_up_department
nm2228622	actor

nm6706699	casting_department
nm6706699	casting_director
nm6706699	actor
nm3561455	actor
nm0371160	actor
nm6316115	actor
nm6316115	writer
nm0283642	actor
nm5697839	actor
nm3725055	actress
nm3725055	writer
nm3725055	director
nm1095720	actress
nm1095720	producer
nm1095720	soundtrack
nm0050959	actor
nm0050959	soundtrack
nm0050959	producer
nm0424191	actress
nm0424191	soundtrack
nm0610312	actress
nm0610312	writer
nm0001671	actress
nm0001671	soundtrack
nm0001671	costume_department
nm5282143	actor
nm4831584	actor
nm0188871	actor
nm0188871	writer
nm0188871	director
nm4789912	actress
nm4789912	soundtrack
nm1164730	actress
nm1164730	writer
nm1164730	soundtrack
nm1987270	actor
nm4422639	actress
nm0318821	actor
nm0318821	writer
nm0318821	producer
nm4535552	actor
nm3464945	actor
nm0863130	actor
nm0863130	soundtrack
nm0360171	actor
nm1086981	actor
nm1086981	soundtrack
nm7047874	actor
nm7047874	soundtrack
nm1409802	actor

nm1502469	actor
nm1502469	producer
nm3671418	actress
nm0504320	actor
nm1175468	actor
nm1175468	director
nm1175468	producer
nm3701064	actor
nm0269077	actor
nm0269077	producer
nm4430828	actor
nm4430828	writer
nm4430828	editor
nm1745190	actor
nm4164318	assistant_director
nm4164318	actor
nm4164318	miscellaneous
nm4927489	actress
nm3822462	actress
nm2167445	actor
nm2167445	director
nm2167445	writer
nm3280686	actor
nm0534635	actor
nm0534635	producer
nm0534635	soundtrack
nm0004692	actor
nm0004692	soundtrack
nm0570570	actor
nm2996220	actor
nm0231871	actor
nm0231871	soundtrack
nm0568385	actor
nm0568385	writer
nm0065874	actor
nm2657974	actress
nm5093301	actress
nm1414435	casting_director
nm1414435	casting_department
nm1414435	actor
nm0565472	actor
nm1748634	actor
nm4263213	actor
nm4263213	soundtrack
nm0564920	actor
nm3849842	actress
nm1378629	actress
nm0114742	actress
nm1103771	actress
nm1821446	actress

nm1821446	soundtrack
nm0352901	actor
nm0126298	actor
nm4757478	actor
nm1402546	actress
nm0428765	actor
nm5081192	actress
nm5081192	soundtrack
nm0432838	actor
nm2746504	actor
nm2746504	writer
nm2746504	producer
nm0087432	actor
nm0226820	actor
nm4335246	actor
nm4335246	miscellaneous
nm4492916	actor
nm1423916	actor
nm5981376	actor
nm1652341	actor
nm1794801	actor
nm1651043	actor
nm1651043	writer
nm1651043	producer
nm0464305	actor
nm0464305	producer
nm1115654	actor
nm2772105	actress
nm2772105	soundtrack
nm5039410	actress
nm1146807	actor
nm1212069	actor
nm1677757	actor
nm3849670	actress
nm1395532	actor
nm1395532	miscellaneous
nm1395532	editor
nm0654295	actor
nm0534062	actor
nm0443373	actor
nm0443373	writer
nm0443373	composer
nm4385245	actor
nm0928408	actor
nm3727276	actor
nm3727276	miscellaneous
nm4475303	actor
nm1970465	actor
nm1970465	writer
nm1970465	producer

nm4514519	actor
nm4514519	writer
nm4514519	soundtrack
nm0309693	actor
nm0309693	writer
nm0309693	producer
nm3065809	actress
nm0227759	actor
nm0227759	producer
nm0227759	soundtrack
nm0001097	actor
nm0001097	director
nm0001097	writer
nm5159884	actress
nm1788152	actor
nm1378721	actor
nm0516003	actor
nm0516003	writer
nm0516003	producer
nm3531913	actress
nm0103195	actor
nm0103195	soundtrack
nm5390029	actress
nm3209935	actor
nm1460176	soundtrack
nm1460176	composer
nm1460176	music_department
nm1368643	actor
nm1368643	miscellaneous
nm0516385	writer
nm0516385	actor
nm0516385	miscellaneous
nm1872855	actor
nm1872855	stunts
nm4422708	actress
nm0916037	actor
nm5624523	actor
nm5624523	costume_department
nm5624523	miscellaneous
nm4416560	actor
nm0523047	actor
nm0214343	actor
nm4744043	actor
nm4744043	camera_department
nm1996829	actor
nm2247629	actress
nm0162281	actor
nm0162281	producer
nm3310211	actress
nm0889338	actor



nm0535837	actor
nm5502295	actor
nm5502295	visual_effects
nm5502295	miscellaneous
nm5309709	actress
nm5309709	producer
nm8108764	actress
nm1519719	actress
nm7075019	actor
nm7509185	actor
nm7509185	music_department
nm7509185	soundtrack
nm7509186	actor
nm0503319	actor
nm0503319	director
nm0503319	writer

In [894...

```
%%sql
use s23_w4111_hw2_yb2540;
drop view name_basics_all_view;
```

\* mysql+pymysql://root:\*\*\*@localhost  
0 rows affected.  
(pymysql.err.OperationalError) (1051, "Unknown table 's23\_w4111\_hw2\_yb2540.name\_basics\_all\_view'")  
[SQL: drop view name\_basics\_all\_view;]  
(Background on this error at: <https://sqlalche.me/e/14/e3q8>)

In [895...

```
%%sql

CREATE VIEW name_basics_all_view AS
SELECT
    pn.nconst,
    CONCAT(pn.firstName, ' ', pn.lastName) AS primaryName,
    nbf.birthYear,
    nbf.deathYear,
    GROUP_CONCAT(DISTINCT pp.profession ORDER BY pp.profession SEPARATOR ',') AS primaryProfession,
    GROUP_CONCAT(DISTINCT kft.titleId ORDER BY kft.titleId SEPARATOR ',') AS knownForTitles
FROM
    primaryName pn
    JOIN name_basics_all_fixed nbf ON pn.nconst = nbf.nconst
    LEFT JOIN primaryProfession pp ON pn.nconst = pp.nconst
    LEFT JOIN knownForTitles kft ON kft.nconst = pn.nconst
GROUP BY
    pn.nconst,
    CONCAT(pn.firstName, pn.middleName, pn.lastName),
    nbf.birthYear,
    nbf.deathYear;
```

\* mysql+pymysql://root:\*\*\*@localhost  
0 rows affected.

Out[895]: []

In [896...

```
%%sql
select * from name_basics_all_view
```

\* mysql+pymysql://root:\*\*\*@localhost  
350 rows affected.

Out[896]:

nconst	primaryName	birthYear	deathYear	primaryProfession	knownForTitles
nm0000293	Sean Bean	1959	None	actor,animation_department,producer	tt0120737,tt0167261,tt0944947,tt1181
nm0000596	Jonathan Pryce	1947	None	actor,producer,soundtrack	tt0104348,tt0120347,tt3750872,tt8404
nm0000980	Jim Broadbent	1949	None	actor,soundtrack,writer	tt0203009,tt0217505,tt1007029,tt1431
nm0001097	Charles Dance	1946	None	actor,director,writer	tt0107362,tt0280707,tt0944947,tt2084
nm0001290	Richard Grant	1957	None	actor,director,soundtrack	tt0094336,tt0102070,tt0280707,tt4595
nm0001354	Ciarán Hinds	1953	None	actor,soundtrack	tt1201607,tt12789558,tt1340800,tt1596
nm0001671	Diana Rigg	1938	2020	actress,costume_department,soundtrack	tt0054518,tt0064757,tt0944947,tt9639

nm0002103	Julian Glover	1935	None	actor,soundtrack	tt0080684,tt0082398,tt0097576,tt03324
nm0004355	Roger Ashton-Griffiths	1957	None	actor,director,writer	tt0088846,tt0217505,tt0944947,tt45755
nm0004692	Mark Addy	1964	None	actor,soundtrack	tt0119164,tt0183790,tt0944947,tt09553
nm0015382	Adewale Akinnuoye-Agbaje	1967	None	actor,director,writer	tt11278
nm0019885	Roger Allam	1953	None	actor,soundtrack	tt0434409,tt0811080,tt1298650,tt14867
nm0050520	Peter Ballance	None	None	actor,miscellaneous	tt0323033,tt0408056,tt0944947,tt19854
nm0050959	Pedro Pascal	1975	None	actor,producer,soundtrack	tt0944947,tt4649466,tt7126948,tt81110
nm0057965	Clifford Barry	None	None	actor	tt0094535,tt0118363,tt0189192,tt09449
nm0064155	Ian Beattie	1965	None	actor,director,writer	tt0346491,tt0944947,tt2303687,tt2567
nm0065874	Andy Beckwith	None	None	actor	tt0208092,tt0944947,tt1355631,tt56910
nm0072855	Paul Bentley	None	None	actor	tt0185906,tt0944947,tt1007029,tt86978
nm0087432	Nicholas Blane	None	None	actor	tt0373889,tt0443543,tt0944947,tt23437
nm0103195	David Bradley	1942	None	actor,soundtrack	tt0241527,tt0425112,tt1201607,tt12136
nm0114742	Susan Brown	1946	None	actress	tt0485301,tt0944947,tt1007029,tt2404
nm0119804	Ania Bukstein	1982	None	actress,soundtrack	tt0944947,tt3602528,tt5673782,tt69656
nm0126298	Terry Byrne	None	None	actor	tt0264333,tt0312549,tt0944947,tt97423
nm0130538	Sam Callis	1973	None	actor,producer,writer	tt0334874,tt0944947,tt1727309,tt36337
nm0141582	Dominic Carter	None	None	actor	tt0053494,tt0493383,tt0944947,tt20885
nm0162281	Enzo Cilenti	1974	None	actor,producer	tt0435705,tt1226774,tt2015381,tt41580
nm0170799	Steven Cole	None	None	actor	tt0083392,tt0460889,tt0944947,tt18880
nm0174005	Ben Crompton	1974	None	actor,director,miscellaneous	tt0211181,tt0944947,tt1788391,tt22356
nm0174449	Aiden Condron	None	None	actor	tt0120815,tt0120865,tt0944947,tt13767
nm0181920	James Cosmo	1948	None	actor,producer,soundtrack	tt0091203,tt0112573,tt0332452,tt03633
nm0182666	Nikolaj Coster-Waldau	1970	None	actor,producer,writer	tt0110631,tt0944947,tt1483013,tt24042
nm0188871	Mackenzie Crook	1971	None	actor,director,writer	tt0325980,tt0383574,tt0449088,tt40827
nm0192377	Liam Cunningham	1961	None	actor,director,producer	tt0460989,tt0800320,tt0944947,tt09862
nm0203801	Karl Davies	1982	None	actor,producer	tt0944947,tt12879632,tt3428912,tt73663
nm0203882	Oliver Davies	1939	None	actor	tt0120915,tt0121765,tt0121766,tt02747
nm0204583	Essie Davis	1970	None	actress,producer,soundtrack	tt2094766,tt2321549,tt4844140,tt90107
nm0214343	Donagh Deeney	None	None	actor	tt0307919,tt0944947,tt1880641,tt20700
nm0225483	Kate Dickie	1971	None	actress,producer	tt0471030,tt1446714,tt1450321,tt92438
nm0226820	Stephen Dillane	1957	None	actor	tt0266987,tt0274558,tt0944947,tt45554
nm0227759	Peter Dinklage	1969	None	actor,producer,soundtrack	tt0340377,tt0944947,tt1877832,tt50277
nm0231871	Ron Donachie	1956	None	actor,soundtrack	tt0120338,tt0944947,tt1029235,tt12979
nm0234541	Roy Dotrice	1923	2017	actor,writer	tt0086879,tt0092319,tt0104040,tt04114
nm0243696	James Doran	None	None	actor	tt0116379,tt0944947,tt1097643,tt2567
nm0265610	Michelle Fairley	1963	None	actress	tt0944947,tt11188010,tt1390411,tt24312
nm0267256	Souad Faress	1948	None	actress	tt0944947,tt1160419,tt1473832,tt45755
nm0269077	James Faulkner	1948	None	actor,producer	tt0944947,tt1606375,tt2406566,tt73885
nm0269923	Michael Feast	1946	None	actor,composer	tt0120879,tt0162661,tt0362192,tt04727
nm0283492	Jerome Flynn	1963	None	actor,soundtrack	tt0944947,tt2085059,tt2183641,tt32623

nm0283642	Tony Flynn	None	None	actor	tt0374142,tt0944947,tt4276624,tt60367
nm0309693	Mark Gatiss	1966	None	actor,producer,writer	tt0184135,tt1475582,tt5083738,tt72304
nm0312245	Ian Gelder	1949	None	actor	tt0419703,tt0420932,tt0485301,tt09449
nm0318821	Aidan Gillen	1968	None	actor,producer,writer	tt0944947,tt1345836,tt4046784,tt45009
nm0322416	Jack Gleeson	1992	None	actor	tt0372784,tt0492486,tt0944947,tt10147
nm0322513	Iain Glen	1961	None	actor,producer,soundtrack	tt0944947,tt10370380,tt6859806,tt69546
nm0341739	Raymond Griffiths	None	None	actor,miscellaneous	tt0120915,tt0379670,tt0944947,tt39497
nm0352901	Kenneth Hadley	None	None	actor	tt0151568,tt0462335,tt1255919,tt20236
nm0360171	Ian Hanmore	1953	None	actor	tt0318411,tt0478942,tt0944947,tt16879
nm0371160	Michael Hayes	None	None	actor	tt0332658,tt0417791,tt0944947,tt38652
nm0372176	Lena Headey	1973	None	actress,producer,soundtrack	tt0416449,tt0944947,tt1343727,tt13749
nm0383835	Dan Hildebrand	None	None	actor,cinematographer	tt0187078,tt0944947,tt1124373,tt51657
nm0384152	Conleth Hill	1964	None	actor,producer,writer	tt0944947,tt1178663,tt1441952,tt50756
nm0389698	B.J. Hogg	1955	2020	actor,music_department	tt0944947,tt0970411,tt0986233,tt12409
nm0396924	Carice van Houten	1976	None	actress,producer,soundtrack	tt0389557,tt0944947,tt0985699,tt10534
nm0404809	Frank Hvam	1970	None	actor,producer,writer	tt0270762,tt0272993,tt0434695,tt16807
nm0408591	Ralph Ineson	1969	None	actor,soundtrack	tt2015381,tt4263482,tt6412452,tt92438
nm0424191	Margaret John	1926	2011	actress,soundtrack	tt0076987,tt0135088,tt0425413,tt09449
nm0428765	Mark Jones	1964	None	actor	tt2527336,tt4786824,tt7366338,tt76613
nm0429956	Gerard Jordan	None	None	actor	tt0944947,tt1238291,tt2294189,tt26146
nm0432837	Marko Juraga	1984	None	actor,composer,sound_department	tt0102236,tt0376909,tt0944947,tt148957
nm0432838	Slavko Juraga	1959	None	actor	tt0119874,tt0446225,tt0944947,tt20344
nm0443373	Paul Kaye	1965	None	actor,composer,writer	tt0944947,tt6835252,tt96984
nm0443825	Dermot Keaney	1964	None	actor	tt0110428,tt0383574,tt0449088,tt10205
nm0464305	Yuri Kolokolnikov	1980	None	actor,producer	tt1846589,tt1959563,tt6723592,tt81065
nm0481924	Richard Laing	None	None	actor	tt0372784,tt0434409,tt0944947,tt31109
nm0503319	Gerald Lepkowski	1966	None	actor,director,writer	tt0324992,tt0944947,tt4686844,tt56886
nm0504320	Anton Lesser	1952	None	actor	tt0482546,tt0944947,tt1298650,tt61087
nm0516003	Harry Lloyd	1983	None	actor,producer,writer	tt1007029,tt1229822,tt2980516,tt41905
nm0516385	Tim Loane	None	None	actor,miscellaneous,writer	tt0120199,tt0140934,tt0944947,tt52695
nm0523047	Simon Lowe	None	None	actor	tt0944947,tt1266029,tt1351685,tt25273
nm0534062	Oengus MacNamara	None	None	actor	tt0944947,tt5932548,tt5932728,tt64390
nm0534635	Richard Madden	1986	None	actor,producer,soundtrack	tt0944947,tt1661199,tt2066051,tt23686
nm0535837	Francis Magee	1969	None	actor	tt0375912,tt0974015,tt12361974,tt37485
nm0538869	Patrick Malahide	1945	None	actor,soundtrack,writer	tt0090521,tt0116908,tt0120873,tt01437
nm0544139	Clive Mantle	1957	None	actor,writer	tt0096454,tt0103644,tt0944947,tt14755
nm0562003	Jodhi May	1975	None	actress,director,writer	tt0096464,tt0104691,tt0111205,tt0129
nm0564516	Vinnie McCabe	None	None	actor	tt0114307,tt0117039,tt0170930,tt09449
nm0564920	Rory McCann	1969	None	actor	tt0425112,tt0944947,tt3205376,tt79752
nm0565472	Bryan McCaugherty	None	None	actor	tt0218182,tt0944947,tt11863
nm0568385	Michael McElhatton	1963	None	actor,writer	tt0944947,tt12361974,tt2294189,tt46041

nm0568400	Ian McElhinney	1948	None	actor,director,soundtrack	tt0116477,tt0117039,tt0944947,tt37485
nm0570570	Tim McInnerny	1956	None	actor	tt0125439,tt0464196,tt0944947,tt46140
nm0571654	Fintan McKeown	None	None	actor	tt0111904,tt0112178,tt0166396,tt09449
nm0574534	Ian McShane	1942	None	actor,director,producer	tt0348914,tt0441773,tt1298650,tt29116
nm0580014	Tobias Menzies	1974	None	actor,soundtrack	tt0381061,tt0384766,tt3717252,tt47868
nm0597388	Jason Momoa	1979	None	actor,producer,writer	tt0974015,tt1160419,tt1477834,tt43342
nm0610312	Gina Moxley	None	None	actress,writer	tt0117674,tt0120865,tt0215879,tt09449
nm0622533	Joseph Naufahu	1978	None	actor	tt0944947,tt1219827,tt1386958,tt14424
nm0628040	Christopher Newman	1955	None	assistant_director,miscellaneous,producer	tt0107943,tt0120915,tt0185906,tt09449
nm0634139	Reece Noi	1988	None	actor	tt0487189,tt0944947,tt2232345,tt71379
nm0639569	Gerry O'Brien	None	None	actor	tt0253556,tt0312549,tt0349683,tt03839
nm0641433	Patrick O'Kane	1965	None	actor	tt0204313,tt0944947,tt2527336,tt51162
nm0641596	Jer O'Leary	None	2018	actor	tt0097937,tt0107207,tt0117039,tt02988
nm0642751	Frank O'Sullivan	None	None	actor	tt0117039,tt0119683,tt0944947,tt23579
nm0649046	Deobia Oparei	1971	None	actor	tt0118929,tt0203009,tt0419706,tt13437
nm0654295	Alfie Allen	1986	None	actor	tt0467200,tt0944947,tt2911666,tt38292
nm0700059	Robert Pugh	1950	None	actor,director,writer	tt0311113,tt0320661,tt0955308,tt11393
nm0727778	David Rintoul	1948	None	actor	tt1139328,tt1655420,tt4786824,tt60797
nm0734304	Paddy Rocks	None	None	actor	tt0127516,tt0944947,tt2326204,tt25677
nm0734498	Lalor Roddy	1954	None	actor	tt0986233,tt1238291,tt1525366,tt67932
nm0751085	Clive Russell	1945	None	actor,soundtrack	tt0120657,tt0349683,tt0780653,tt09880
nm0752638	Jonathan Ryan	None	None	actor	tt0105112,tt0107207,tt0877105,tt09449
nm0796502	Alexander Siddig	1965	None	actor,director,soundtrack	tt0106145,tt0253556,tt0320661,tt04836
nm0798872	Peter Silverleaf	None	None	actor	tt0096555,tt0944947,tt1991161,tt25377
nm0803397	Jamie Sives	1973	None	actor,director,producer	tt0291341,tt0329767,tt0862467,tt12262
nm0815420	Mia Soteriou	None	None	actress,composer,music_department	tt0117589,tt0151568,tt0765443,tt07957
nm0819087	Samantha Spiro	1968	None	actress	tt0120681,tt0228157,tt2674426,tt41087
nm0822062	John Standing	1934	None	actor,soundtrack	tt0074452,tt0080678,tt0434409,tt04579
nm0838910	Donald Sumpter	1943	None	actor	tt0387131,tt0765443,tt1390411,tt15683
nm0852965	Noah Taylor	1969	None	actor,script_department,soundtrack	tt0117631,tt0181875,tt0362270,tt23975
nm0853583	Owen Teale	1961	None	actor	tt0102797,tt0462396,tt0485301,tt09449
nm0863130	Ramon Tikaram	1967	None	actor,soundtrack	tt0116743,tt1617661,tt1686821,tt37639
nm0889338	Rupert Vansittart	1958	None	actor	tt0107943,tt0109831,tt0112573,tt09449
nm0890055	Indira Varma	1973	None	actress,producer	tt0116743,tt0361411,tt0384766,tt15287
nm0891092	Peter Vaughan	1923	2016	actor,soundtrack	tt0067800,tt0081633,tt0088846,tt07953
nm0894857	David Verrey	None	None	actor	tt0317198,tt0436992,tt0493450,tt09449
nm0915453	Tony Way	1978	None	actor,director,writer	tt0462335,tt1568346,tt1631867,tt27178
nm0916037	Bronson Webb	1983	None	actor	tt0304141,tt0320661,tt0783233,tt10327
nm0928408	Andrew Wilde	None	None	actor	tt0086993,tt0087803,tt0098765,tt09449
nm0937239	Tom Wlaschiha	1973	None	actor	tt0944947,tt1391116,tt2427220,tt24737

nm0997747	Gary Pillai	1968	None	actor,miscellaneous,producer	tt0183068,tt0485301,tt0893402,tt0944947
nm1032473	Thomas Brodie-Sangster	1990	None	actor,producer,soundtrack	tt0314331,tt1790864,tt4046784,tt4500949
nm1043031	Tim Plester	1970	None	actor,director,producer	tt0944947,tt1727824,tt4148022,tt8398649
nm1051151	Paul Rattray	None	None	actor	tt0157583,tt0381966,tt0944947,tt1127876
nm1074361	Luke Roberts	1977	None	actor,producer,writer	tt0944947,tt1877830,tt2375692,tt5809749
nm1086981	Josef Altin	1983	None	actor,soundtrack	tt0765443,tt0944947,tt0962736,tt2527349
nm1095720	Keisha Castle-Hughes	1990	None	actress,producer,soundtrack	tt0121766,tt0298228,tt0469099,tt0762947
nm1101680	Gordon Fulton	1949	2016	actor	tt0122738,tt0944947,tt3101352,tt5116249
nm1103771	Mary Jordan	1913	1973	actress	tt0061260,tt0129723,tt0396378,tt4652649
nm1115654	Miltos Yerolemou	None	None	actor	tt0810819,tt2488496,tt3402236,tt8385749
nm1146807	Gary Oliver	None	None	actor	tt0944947,tt0959601,tt21366490,tt2245949
nm1152798	Joseph Mawle	1974	None	actor	tt0944947,tt1127876,tt1390411,tt2183049
nm1164730	Natalia Tena	1984	None	actress,soundtrack,writer	tt0276751,tt0373889,tt0417741,tt1201649
nm1168404	Reg Wayment	None	None	actor,miscellaneous,stunts	tt0440963,tt0451279,tt1074638,tt3480849
nm1175468	Elyes Gabel	1983	None	actor,director,producer	tt0816711,tt2937898,tt3514324,tt7460849
nm1212069	Bart the Bear	2000	2021	actor	tt0364751,tt0758758,tt1389137,tt1694049
nm1214477	Michael Grennell	1958	None	actor	tt0198209,tt0264333,tt0944947,tt2183049
nm1218607	Burn Gorman	1974	None	actor,soundtrack	tt1345836,tt1488589,tt2557478,tt3230849
nm1368037	Alisdair Simpson	None	None	actor	tt0259733,tt0372091,tt0944947,tt2368249
nm1368643	Ross Mullan	1967	None	actor,miscellaneous	tt0436992,tt0800320,tt0944947,tt3416549
nm1378629	Maggie Hayes	None	None	actress	tt0944947,tt1205456,tt1205458,tt1248849
nm1378721	Graham Charles	None	None	actor	tt0944947,tt1091989,tt3231054,tt7388549
nm1395532	Joseph Gatt	1971	None	actor,editor,miscellaneous	tt0800369,tt0944947,tt1408101,tt3861349
nm1402546	Sibel Kekilli	1980	None	actress	tt0347048,tt0806910,tt0944947,tt1288349
nm1406364	Conor Delaney	None	None	actor	tt0283096,tt0944947,tt1876552,tt3344749
nm1409802	Simon Armstrong	None	None	actor	tt0944947,tt1371155,tt1448755,tt5988549
nm1414435	Robert Sterne	None	None	actor,casting_department,casting_director	tt0425112,tt0944947,tt1478964,tt4786849
nm1423916	David Sheehan	None	None	actor	tt0170930,tt0758790,tt0844794,tt0944947
nm1460176	Sigur Rós	None	None	composer,music_department,soundtrack	tt0259711,tt0362270,tt1403981,tt1477849
nm1478079	Joe Dempsie	1987	None	actor,soundtrack	tt0840196,tt0944947,tt1297919,tt1935349
nm1483416	Richard Rycroft	None	None	actor	tt0462520,tt0944947,tt1473832,tt4786849
nm1502469	Dar Salim	1977	None	actor,producer	tt0431842,tt0944947,tt1270262,tt5431049
nm1519719	Annette Tierney	None	None	actress	tt0490539,tt0810725,tt0944947,tt3777849
nm1528121	Philip McGinley	1981	None	actor	tt0053494,tt0944947,tt1446714,tt3922749
nm1561982	Pilou Asbæk	1982	None	actor,miscellaneous,soundtrack	tt0944947,tt1219827,tt2216240,tt4530449
nm1613839	Ian Whyte	1971	None	actor,miscellaneous,stunts	tt0944947,tt11138512,tt1446714,tt9253249
nm1638006	Michael Condron	None	None	actor	tt0053494,tt0462335,tt0944947,tt8103049
nm1638294	Eugene Simon	1992	None	actor,producer	tt0944947,tt1638319,tt4399952,tt7583249
nm1651043	Stephen Don	None	None	actor,producer,writer	tt0944947,tt2823568,tt6039842,tt6099549
nm1652341	Jamie Michie	1977	None	actor	tt0944947,tt1390411,tt1758810,tt6679749
nm1677757	Anthony Morris	None	None	actor	tt0944947,tt1893256,tt4206804,tt9243849

nm1697771	Ellie Kendrick	1990	None	actress,soundtrack,writer	tt0944947,tt1159922,tt1174732,tt15488
nm1707712	Zachary Baharov	1980	None	actor	tt1023114,tt1264914,tt1288403,tt19090
nm1743706	Jon Birgisson	1975	None	composer,music_department,soundtrack	tt0892769,tt1389137,tt1646971,tt23864
nm1743714	Orri Dyrason	1977	None	composer,music_department,soundtrack	tt0259711,tt0362270,tt1403981,tt14778
nm1743730	Georg Holm	1976	None	composer,music_department,soundtrack	tt0259711,tt0362270,tt1403981,tt14778
nm1745190	George Georgiou	None	None	actor	tt0489974,tt0944947,tt6729080,tt77674
nm1748634	Lucian Msamati	1976	None	actor	tt0963178,tt1356380,tt13640696,tt55635
nm1754059	Natalie Dormer	1982	None	actress,producer,writer	tt0758790,tt0944947,tt10361016,tt19512
nm1778512	Jóhannes Jóhannesson	None	None	actor,sound_department	tt0944947,tt11311302,tt6654210,tt76608
nm1783582	Sahara Knite	1975	None	actress	tt0944947,tt15249564,tt15288590,tt9814
nm1788152	Brendan McCormack	None	None	actor	tt0800286,tt0808096,tt0944947,tt12357
nm1794801	Colin Carnegie	None	None	actor	tt0462335,tt0944947,tt11285548,tt12124
nm1821446	Hannah Waddingham	1974	None	actress,soundtrack	tt0455538,tt10986410,tt1707386,tt59736
nm1861467	Roxanne McKee	1980	None	actress	tt0112004,tt0944947,tt1043726,tt30795
nm1872855	Spencer Wilding	1972	None	actor,stunts	tt0486655,tt1043726,tt1976009,tt37485
nm1944894	Kristján Kristjánsson	1956	None	actor,composer,soundtrack	tt0944947,tt1520211,tt2431438,tt83857
nm1970465	Kristofer Hivju	1978	None	actor,producer,writer	tt0905372,tt0944947,tt1815862,tt21215
nm1978998	Forbes KB	1965	None	actor,sound_department,transportation_department	tt0381061,tt0436697,tt0866439,tt12894
nm1987270	Brian Fortune	None	None	actor	tt25212
nm1996829	Nonso Anozie	1978	None	actor	tt0462396,tt0816462,tt1045670,tt16617
nm2047170	Emun Elliott	1983	None	actor	tt0944947,tt1446714,tt1450321,tt24884
nm2075330	Mark Killeen	None	None	actor	tt0944947,tt1462764,tt14792896,tt18778
nm2089809	Nikovich Sammut	None	None	actor,miscellaneous,stunts	tt0408306,tt1186830,tt1270262,tt41724
nm2131630	Jefferson Hall	None	None	actor	tt0988045,tt1502407,tt2488496,tt67235
nm2162079	Ivailo Dimitrov	None	None	actor,stunts	tt0816711,tt10228134,tt1959563,tt30620
nm2167445	Gethin Anthony	1983	None	actor,director,writer	tt0944947,tt1880399,tt2459156,tt33910
nm2171898	Birgitte Sørensen	1982	None	actress	tt1961192,tt1971325,tt2675914,tt28482
nm2181128	Joel Fry	None	None	actor,producer	tt0443649,tt0944947,tt3228774,tt80792
nm2197118	Ciaran Bermingham	None	None	actor	tt0944947,tt4531868,tt4714568,tt60959
nm2228622	Marcus Lamb	None	None	actor	tt0944947,tt1442444,tt1876552,tt46999
nm2231505	David James	None	None	actor	tt0944947,tt1672189,tt66326
nm2247629	Gemma Whelan	1981	None	actress	tt0780653,tt0944947,tt1320261,tt92148
nm2307468	Ricky Champ	1980	None	actor	tt0944947,tt1213663,tt1974934,tt30450
nm2356940	Hannah Murray	1989	None	actress,soundtrack	tt0944947,tt2141751,tt4180576,tt53905
nm2406775	Cedric Henderson	None	None	actor	tt0807980,tt0944947,tt85618
nm2407387	Sara Dylan	None	None	actress	tt0944947,tt0981330,tt2303687,tt42766
nm2456829	Alice Hewkin	None	None	actress	tt2345759,tt4786824,tt7767422,tt89627
nm2461009	Tim Landers	None	None	actor,talent_agent	tt0430814,tt0944947,tt15346418,tt86333
nm2482781	Dean Whatton	None	None	actor	tt0944947,tt2464374,tt2792326,tt34747
nm2489799	Elisa Lasowski	None	None	actress,soundtrack	tt1172206,tt1837574,tt38305

nm2657974	Esmé Bianco	1982	None	actress	tt0944947,tt2758770,tt4016454,tt42542
nm2746504	Dean Jagger	1978	None	actor,producer,writer	tt0944947,tt17940806,tt2098843,tt29487
nm2760664	Jacob Anderson	1990	None	actor,soundtrack	tt0944947,tt1514041,tt2350760,tt45304
nm2772105	Oona Chaplin	1986	None	actress,soundtrack	tt0830515,tt0944947,tt1270262,tt27265
nm2807170	Neil Fingleton	1980	2017	actor,miscellaneous,stunts	tt1270798,tt1335975,tt1617661,tt23954
nm2812026	Nathalie Emmanuel	1989	None	actress	tt0944947,tt2820852,tt4046784,tt54337
nm2835616	Dean-Charles Chapman	1997	None	actor	tt0944947,tt1726592,tt8266310,tt85796
nm2869309	Eros Vlahos	1995	None	actor,director,writer	tt1415283,tt1781769,tt2094262,tt88777
nm2911170	Laurence Doherty	None	None	actor	tt1253869,tt12723964,tt1333064,tt21458
nm2983094	Aisling Jarrett-Gavin	None	None	actress	tt0112004,tt0944947,tt1215172,tt80012
nm2996220	Lino Facioli	2000	None	actor	tt0944947,tt1226229,tt2343380,tt77674
nm2999602	Junade Khan	1982	None	actor	tt0112004,tt0259733,tt0944947,tt68090
nm3005802	Ivan Peric	None	None	actor,editor,miscellaneous	tt1877832,tt2139881,tt2295560,tt68662
nm3040811	Andrei Claude	1979	None	actor	tt0944947,tt2306299,tt5057130,tt89767
nm3065809	Rosabell Sellers	1996	None	actress	tt0896872,tt0944947,tt2370096,tt27519
nm3122423	Patrick Ryan	None	None	actor	tt0944947,tt11311302,tt14527610,tt43209
nm3126053	Susie Kelly	None	None	actress	tt0488380,tt0944947,tt0985593,tt12409
nm3209935	Rob Ostlere	1984	None	actor	tt0184122,tt0944947,tt10846464,tt22416
nm3226454	Barry O'Connor	None	None	None	
nm3229685	Kit Harington	1986	None	actor,producer,writer	tt0938330,tt0944947,tt1921064,tt90324
nm3280686	Art Parkinson	2001	None	actor	tt0944947,tt2126355,tt4302938,tt84254
nm3292422	Chris Gallagher	None	None	actor	tt0170930,tt0944947,tt1565785,tt23062
nm3310211	Rose Leslie	1987	None	actress	tt0944947,tt1618442,tt3177316,tt45203
nm3330066	Sarine Sofair	None	None	actress,production_manager	tt0944947,tt1781769,tt2262287,tt53127
nm3330122	Wilko Johnson	1947	2022	actor,soundtrack	tt0259795,tt0944947,tt1738634,tt41887
nm3338062	George Appleby	None	None	actor,stunts	tt0944947,tt14407126,tt5257554,tt70359
nm3354768	Alan Paris	None	None	actor	tt0944947,tt1186830,tt2825222,tt97839
nm3444954	Ben Hawkey	None	None	actor	tt0944947,tt1371160,tt1562871,tt19194
nm3453345	Maxwell Laird	None	None	actor	tt0944947,tt1305562,tt1582196,tt22156
nm3464945	Andy Kellegher	None	None	actor	tt0944947,tt2544624,tt4320944,tt49714
nm3524836	Steve Cash	None	None	actor,executive,talent_agent	tt0944947,tt1695366,tt2183641,tt23062
nm3531913	Elizabeth Webster	None	None	actress	tt0944947,tt1362058,tt2414766,tt29397
nm3561455	Patrick Molloy	None	None	actor	tt0944947,tt2460366,tt4577468,tt54364
nm3586035	Maisie Williams	1997	None	actress,producer,soundtrack	tt0944947,tt1330018,tt3294200,tt46822
nm3592338	Emilia Clarke	1986	None	actress,soundtrack	tt0944947,tt1340138,tt2674426,tt37786
nm3645691	Finn Jones	1988	None	actor	tt0944947,tt2179239,tt3322310,tt42300
nm3652842	Isaac Wright	1999	None	actor,soundtrack	tt0787474,tt0944947,tt1687901,tt96647
nm3671418	Laura Pradelska	None	None	actress	tt4230938,tt54840
nm3701064	Iwan Rheon	1985	None	actor	tt0800325,tt0944947,tt1548850,tt38157
nm3725055	Jessica Henwick	1992	None	actress,director,writer	tt11564570,tt1649418,tt18363072,tt22220
nm3727276	Will O'Connell	None	None	actor,miscellaneous	tt0944947,tt3096344,tt6813264,tt68535
nm3729225	Gwendoline	1978	None	actress,art_department,producer	tt0944947,tt1951266,tt2488496,tt25273

Christie					
nm3745225	Charlotte Hope	None	None	actress,soundtrack	tt1707386,tt2980516,tt3640424,tt58140
nm3822462	Rila Fukushima	None	None	actress	tt66864
nm3822505	Amrita Acharia	1987	None	actress,director,producer	tt0944947,tt10642480,tt2798170,tt64415
nm3849670	Faye Marsay	1986	None	actress	tt0944947,tt2085059,tt3169706,tt92532
nm3849842	Sophie Turner	1996	None	actress	tt0944947,tt1731701,tt3385516,tt65655
nm3964231	Kristian Nairn	1975	None	actor,producer	tt0944947,tt11000902,tt2183641,tt68570
nm3996678	Maisie Dee	1985	None	actress	tt0944947,tt13306176,tt4387082,tt50805
nm4007028	Darren Killeen	None	None	actor	tt0944947,tt2244875,tt5447862,tt90767
nm4164318	Hugo Culverhouse	None	None	actor,assistant_director,miscellaneous	tt0944947,tt4360468,tt5335800,tt62507
nm4207240	Phil Barnhill	None	None	actor	tt17852
nm4263213	John Bradley	1988	None	actor,soundtrack	tt0944947,tt10223460,tt5451690,tt58344
nm4335246	Faolan Morgan	None	None	actor,miscellaneous	tt0462335,tt0944947,tt3546370,tt96212
nm4385245	Tobias Winter	None	None	actor	tt0944947,tt1240982,tt2294189,tt26533
nm4416560	Ryan McKenna	None	None	actor	tt0944947,tt1205456,tt2567712,tt56394
nm4422639	Rania Zouari	None	None	actress	tt0944947,tt17352
nm4422708	Claire Wright	None	None	actress	tt0944947,tt26533
nm4424689	Sarita Piotrowski	None	None	actress,miscellaneous	tt0944947,tt1682886,tt2214815,tt24766
nm4430828	Luke Barnes	None	None	actor,editor,writer	tt0944947,tt3366354,tt4648860,tt53068
nm4430905	Rhodri Hosking	None	None	actor	tt0096555,tt0944947,tt11238716,tt23957
nm4440118	Seamus Kelly	None	None	actor,stunts	tt09449
nm4440305	Mark Stanley	None	None	actor	tt3622120,tt5700176,tt7334158,tt83650
nm4450657	Kevin Keenan	None	None	actor	tt0944947,tt2190796,tt2943206,tt36357
nm4460936	Antonia Christophers	None	None	actress	tt0944947,tt1778108,tt19517
nm4473207	Barrington Cullen	None	None	actor	tt0944947,tt2147365,tt3480948,tt45570
nm4475182	Dennis McKeever	None	None	actor	tt09449
nm4475204	Tristan Mercieca	None	None	actor	tt09449
nm4475303	Phil Dixon	None	None	actor	tt09449
nm4475335	Jeffrey O'Brien	None	None	actor	tt0829150,tt0944947,tt26533
nm4492916	Rick Burn	None	None	actor	tt0944947,tt2306299,tt2628232,tt85535
nm4492930	Simon Stewart	None	None	actor	tt0944947,tt2544624,tt63635
nm4514519	Toby Sebastian	1992	None	actor,soundtrack,writer	tt0944947,tt1928340,tt3068894,tt50700
nm4523680	Kerr Logan	1988	None	actor	tt0944947,tt1034007,tt11403434,tt42760
nm4535552	Daniel Portman	1992	None	actor	tt11725900,tt11846996,tt14466294,tt26533
nm4547262	Leo Woodruff	None	None	actor,stunts	tt0944947,tt1211837,tt1345836,tt23823
nm4595425	Boyd Rankin	1945	2019	actor,miscellaneous,stunts	tt0349683,tt0944947,tt1240982,tt32080
nm4704928	Marc Rissmann	1980	None	actor,director,writer	tt0944947,tt13991232,tt1740299,tt41794
nm4730958	Eline Powell	1990	None	actress	tt0944947,tt1972591,tt2091298,tt28843
nm4744043	Sam Coleman	1996	None	actor,camera_department	tt0944947,tt2620590,tt4669296,tt59958
nm4757478	Dez McMahon	None	None	actor	tt0085020,tt0944947,tt2306299,tt34637
nm4768858	Pixie Le Knot	None	None	actress,miscellaneous,stunts	tt0944947,tt1560985,tt2388771,tt37263



nm4781280	Paul Caddell	None	None	actor,director,writer	tt0944947,tt1248971,tt2294189,tt48856
nm4789912	Hannah John-Kamen	1989	None	actress,soundtrack	tt1677720,tt2085059,tt3952222,tt50950
nm4831584	Will Tudor	1987	None	actor	tt0944947,tt3068894,tt4122068,tt41450
nm4927489	Melanie Liburd	1987	None	actress	tt0944947,tt10732104,tt14954666,tt55552
nm4957233	Aisling Franciosi	1993	None	actress,soundtrack	tt0944947,tt11233960,tt2294189,tt40685
nm4958677	Kelly Long	None	None	actress,art_department,assistant_director	tt0944947,tt21399170,tt4178092,tt70126
nm4982614	Dennis Stokes	None	None	actor	tt0944947,tt11233960,tt2294189,tt40685
nm4982706	Josephine Gillan	1988	None	actress	tt0944947,tt3004644,tt94557
nm5037688	Rea Separovic	None	None	actress	tt0944947,tt11233960,tt2294189,tt40685
nm5039410	Rebecca Benson	None	None	actress	tt0944947,tt2884018,tt5705956,tt81283
nm5081192	Kerry Ingram	1999	None	actress,soundtrack	tt0241383,tt0944947,tt1707386,tt69280
nm5093301	Alexandra Dowling	1990	None	actress	tt0094525,tt0944947,tt1742179,tt27332
nm5106314	Gemita Samarra	None	None	actress,director,stunts	tt0944947,tt1355631,tt1935859,tt23797
nm5159884	Meena Rayann	None	None	actress	tt0944947,tt4761112,tt9059350,tt98497
nm5279916	Leigh Gill	None	None	actor,miscellaneous	tt0944947,tt3086386,tt3183660,tt72864
nm5282143	Brenock O'Connor	2000	None	actor	tt0944947,tt2470102,tt4531728,tt69647
nm5309709	Nell Williams	1998	None	actress,producer	tt0944947,tt3154822,tt5563334,tt82663
nm5390029	Lottie Steer	None	None	actress	tt0944947,tt1014763,tt1109624,tt17073
nm5502252	Elizabeth Cadwallader	None	None	actress	tt0241383,tt0944947,tt11824218,tt75264
nm5502295	Matteo Elezi	None	None	actor,miscellaneous,visual_effects	tt0944947,tt1340758,tt55957
nm5624523	Timothy Gibbons	None	None	actor,costume_department,miscellaneous	tt0829150,tt0944947,tt6208148,tt90519
nm5651524	Mark Coney	None	None	actor	tt0758790,tt1233560,tt3244986,tt34140
nm5652121	Ragnar Þórhallsson	None	None	actor,composer,soundtrack	tt0359950,tt0944947,tt12809988,tt15200
nm5652293	Nanna Hilmarsdóttir	None	None	actor,composer,soundtrack	tt0359950,tt0944947,tt12809988,tt23554
nm5697839	Jed Murray	None	None	actor	tt0944947,tt11311302,tt3680440,tt82338
nm5792452	Michael Stuart	None	None	actor,assistant_director,make_up_department	tt1316078,tt2145829,tt7143726,tt89550
nm5908524	Christian Vit	1982	None	actor	tt0184122,tt0944947,tt11641654,tt98606
nm5981376	Paul Monahan	None	None	actor	tt0829150,tt11583012,tt26067
nm6088160	Diogo Sales	1985	None	actor	tt0944947,tt21867228,tt6353166,tt84525
nm6301068	Sabrina Bartlett	1991	None	actress	tt0944947,tt3636060,tt3874450,tt87407
nm6316115	Ruairí Heading	1991	None	actor,writer	tt0944947,tt3208026,tt4699982,tt90767
nm6342915	Robert Fawsitt	None	None	actor	tt0944947,tt1212428,tt2306299,tt38652
nm6442298	Conor Watters	None	None	actor	tt0944947,tt11233960,tt2294189,tt40685
nm6462692	Fionn Kernan	None	None	actor	tt0944947,tt24654
nm6537691	Samuel Small	None	None	actor	tt0944947,tt16437278,tt21819258,tt90598
nm6706699	Michael Hooley	None	None	actor,casting_department,casting_director	tt0944947,tt11138512,tt1212428,tt134965
nm6729880	Chuku Modu	1990	None	actor,producer,writer	tt0944947,tt2674426,tt4154664,tt64704
nm6793798	Eddie Eyre	1988	None	actor,miscellaneous,set_decorator	tt0088512,tt0944947,tt5809150,tt87853
nm7047874	Staz Nair	1991	None	actor,soundtrack	tt0944947,tt1267299,tt4016454,tt42766
nm7075019	Robert Aramayo	1992	None	actor	tt10065694,tt4550098,tt5867314,tt68562

nm7318132	Davor Jozinovic	None	None	actor	tt0944494
nm7318134	Hadi Kermani	None	None	actor	tt09444947,tt11083482,tt32953
nm7318135	Tonci Banov	None	None	actor	tt09444947,tt50617
nm7509185	Sebastian Croft	2001	None	actor,music_department,soundtrack	tt10638036,tt7715070,tt8416494,tt95618
nm7509186	Fergus Leathem	None	None	actor	tt09444947,tt62825
nm8108764	Cordelia Hill	None	None	actress	tt0944494
nm8127149	Nathanael Saleh	None	None	actor,soundtrack	tt09444947,tt1635327,tt3498954,tt50283
nm8127150	Michael Nevin	None	None	actor	tt09444947,tt58823
nm8127151	Jesse Magee	None	None	actor	tt09444947,tt1983079,tt60367
nm8127152	Lucy Gallagher	None	None	actress	tt09444947,tt6651
nm8133415	Iona Clarke	None	None	actress	tt09444947,tt67932
nm8158202	Arnar Hilmarsson	None	None	actor,composer,soundtrack	tt0072562,tt09444947,tt1520211,tt38017
nm8158203	Brynjar Leifsson	None	None	actor,music_department,soundtrack	tt09444947,tt1520211,tt198013
nm8165602	Bella Ramsey	2003	None	actress	tt09444947,tt11727866,tt3581920,tt63855
nm8199963	Michael Patrick	None	None	None	
nm8257864	Megan Parkinson	None	None	actress	tt09444947,tt4276618,tt5761478,tt66362
nm8314450	Lucy Hayes	None	None	actress	tt0944494
nm9132255	Harry Grasby	None	None	actor	tt09444947,tt3814634,tt56506

In [899...

```
%%sql
select * from name_basics_all_view
where nconst = 'nm0389698'
```

```
* mysql+pymysql://root:***@localhost
1 rows affected.
```

Out[899]:

nconst	primaryName	birthYear	deathYear	primaryProfession	knownForTitles
nm0000293	Sean Bean	1959	None	actor,animation_department,producer	tt0120737,tt0167261,tt09444947,tt1181791

In [901...

```
%%sql
select * from name_basics_all
where nconst = 'nm0389698'
```

```
* mysql+pymysql://root:***@localhost
1 rows affected.
```

Out[901]:

nconst	primaryName	birthYear	deathYear	primaryProfession	knownForTitles
nm0389698	B.J. Hogg	1955	2020	actor,music_department	tt0970411,tt09444947,tt0986233,tt1240982