

Assignment 2

Sample Outputs

Last updated: **Saturday 26th March 5:31pm**

Most recent changes are shown in **red** ... older changes are shown in **brown**.

[\[Assignment Spec\]](#) [\[Database Design\]](#) [\[SQL Schema\]](#) [\[Testing\]](#) **[\[Sample Outputs\]](#)** [\[Fixes+Updates\]](#)

The following give some sample inputs and outputs that you can use to estimate the correctness of your scripts. These examples are by no means exhaustive, and more cases will be used in the auto-marking, so it is up to you to perform comprehensive checking of your solution.

Warning: sometimes, non-ascii characters don't render the same on this web page as they do in a terminal window.

```
# People who directed most Movies (most)
```

```
vxdb$ python3 q1.py xyz
```

```
Usage: q1.py [N]
```

```
vxdb$ python3 q1.py
```

```
48 Woody Allen
```

```
40 Takashi Miike
```

```
39 Jean-Luc Godard
```

```
37 Claude Chabrol
```

```
36 Martin Scorsese
```

```
35 Johnnie To
```

```
34 Clint Eastwood
```

```
34 Werner Herzog
```

```
31 Kartal Tibet
```

```
31 Steven Spielberg
```

```
vxdb$ python3 q1.py 20
```

```
48 Woody Allen
```

```
40 Takashi Miike
```

```
39 Jean-Luc Godard
```

```
37 Claude Chabrol
```

```
36 Martin Scorsese
```

```
35 Johnnie To
```

```
34 Clint Eastwood
```

```
34 Werner Herzog
```

```
31 Kartal Tibet
```

```
31 Steven Spielberg
```

```
30 Priyadarshan
```

```
29 Ingmar Bergman
```

```
29 Satyajit Ray
```

```
29 Sidney Lumet
```

```
28 John Huston
```

```
28 Steven Soderbergh
```

```
26 Hark Tsui
```

```
26 John Sturges
```

```
26 Ken Loach
```

```
25 Ken Loach
26 Luis Buñuel
```

```
vxdb$ python3 q1.py 5
48 Woody Allen
40 Takashi Miike
39 Jean-Luc Godard
37 Claude Chabrol
36 Martin Scorsese
```

```
vxdb$ python3 q1.py 0
Usage: q1.py [N]
```

```
vxdb$ python3 q1.py 1
48 Woody Allen
```

```
# Alternative Releases (aliases) for a Movie (rels)
```

```
vxdb$ python3 q2.py
Usage: q2.py 'PartialMovieTitle'
```

```
vxdb$ python3 q2.py 1999
No movie matching '1999'
```

```
vxdb$ python3 q2.py ocean
Movies matching 'ocean'
=====
8.0 A Plastic Ocean (2016)
7.9 Planet Ocean (2012)
7.8 Ocean's Eleven (2001)
7.8 Oceans (2009)
7.6 Ocean Heaven (2010)
7.2 The Light Between Oceans (2016)
7.0 711 Ocean Drive (1950)
6.9 Ocean's Thirteen (2007)
6.6 Ocean's 11 (1960)
6.5 Ocean's Twelve (2004)
6.4 The Deep End of the Ocean (1999)
6.2 Ocean's Eight (2018)
```

```
vxdb$ python3 q2.py dangerous
Movies matching 'dangerous'
=====
7.7 The Most Dangerous Man in America: Daniel Ellsberg and the Pentagon Papers (2009)
7.6 Dangerous Liaisons (1988)
7.5 Dangerous Encounters of the First Kind (1980)
7.3 On Dangerous Ground (1951)
7.3 Dangerous Beauty (1998)
7.2 Living Dangerously (1987)
7.1 Dangerous Crossing (1953)
7.1 The Year of Living Dangerously (1982)
7.1 Young and Dangerous (1996)
7.0 Confessions of a Dangerous Mind (2002)
7.0 The Dangerous Lives of Altan Ross (2002)
```

7.0 The Dangerous Lives of Ricca Boys (2002)
 6.7 Young and Dangerous 2 (1996)
 6.7 Young and Dangerous 3 (1996)
 6.7 Gringo: The Dangerous Life of John McAfee (2016)
 6.6 Dangerous Moves (1984)
 6.6 Bangkok Dangerous (2000)
 6.6 Dangerous Parking (2007)
 6.5 Johnny Dangerously (1984)
 6.5 Dangerous Minds (1995)
 6.4 Young and Dangerous 1997 (1997)
 6.4 A Dangerous Method (2011)
 6.2 Dangerous When Wet (1953)
 6.1 Young and Dangerous 1998 (1998)
 6.1 Cute & Dangerous (2015)

```
vxdb$ python3 q2.py breakfast
```

```
Movies matching 'breakfast'
```

```
=====
```

7.9 The Breakfast Club (1985)
 7.7 Breakfast at Tiffany's (1961)
 7.7 Breakfast with Hunter (2003)
 7.5 Rooster's Breakfast (2007)
 7.2 Breakfast on Pluto (2005)
 6.8 A Dog's Breakfast (2007)
 6.8 Breakfast with Scot (2007)

```
vxdb$ python3 q2.py "Ocean's Eleven"
```

```
Ocean's Eleven (2001) was also released as
```

```
'11' (region: US)  

'O11' (region: US)  

'Ocean's 11' (region: US)  

'I symmoria ton enteka' (region: GR)  

'La gran estafa' (region: UY)
```

```
vxdb$ python3 q2.py 'Ne Zha'
```

```
Ne Zha (2019) was also released as
```

```
'Nezha' (region: XWW, language: en)  

'Nezha: Birth of the Demon Child' (region: XWW, language: en)  

'Nezha' (region: HK, language: en)  

'Nezha' (region: XAS, language: en)  

'Naazaa' (region: CN, language: yue)  

'Nezha' (region: XAS, language: cmn)  

'Nezha' (region: US)  

'Nezha' (region: CA, language: en)  

'Nezha' (region: MY, language: cmn)  

'Nezha' (region: TW)  

'Nezha' (region: HK, language: cmn)  

'Nezha' (region: SG, language: cmn)  

'Naazaa' (region: HK, language: yue)  

'Nezha' (region: CN, language: cmn)  

'Birth of the Demon Child Nezha' (region: XWW, language: en)
```

```
vxdb$ python3 q2.py 'You Are the Apple of My Eye'
```

```
You Are the Apple of My Eye (2011) has no alternative releases
```

```

vxdb$ python3 q2.py 'Dragon Ball Z: Super Android 13'
Dragon Ball Z: Super Android 13 (1992) was also released as
'Dragon Ball Z: Super Android 13' (new title)
'Dragon Ball Z: Super Android 13' (region: US)
'Dragon Ball Z Movie: Super Battle of 3 Super Saiyas' (region: MY, language: en)
'Dragon Ball Z: Kyokugen Battle!! Sandai Super Saiyajin' (region: JP)
'Dragon Ball Z 7: Battle Limit!! Three Great Super Saiyans' (literal english title)
'Dragon Ball Z: O Retorno dos Andróides' (region: BR)
'Dragon Ball Z: Super Battle of Three Super Saiyas' (region: MY, language: en)
'Zmajeva kugla Z: Tri super Saiyana' (region: HR)

```

```
# Movie Information (minfo)
```

```

vxdb$ python3 q3.py
Usage: q3.py 'MovieTitlePattern' [Year]

```

```

vxdb$ python3 q3.py xyzyzy
No movie matching 'xyzyzy'

```

```

vxdb$ python3 q3.py 'Avatar'
Avatar (2009)
=====
Starring
  Sam Worthington as Jake Sully
  Zoe Saldana as Neytiri
  Sigourney Weaver as Dr. Grace Augustine
  Michelle Rodriguez as Trudy Chacón
and with
  James Cameron: Director
  James Cameron: Writer
  Jon Landau: Producer
  James Horner: Composer
  Mauro Fiore: Cinematographer
  John Refoua: Editor
  Stephen E. Rivkin: Editor

```

```

vxdb$ python3 q3.py 'The Ring'
Movies matching 'The Ring'
=====
8.9 The Lord of the Rings: The Return of the King (2003)
8.8 The Lord of the Rings: The Fellowship of the Ring (2001)
8.7 The Lord of the Rings: The Two Towers (2002)
7.1 The Ring (2002)
6.6 The Ring-necked Dove (1970)
6.5 Closing the Ring (2007)
6.3 Again the Ringer (1965)
6.2 The Ring (1952)
6.2 The Lord of the Rings (1978)
6.2 The Ring Finger (2005)

```

```

vxdb$ python3 q3.py '^The Ring$' 2002
The Ring (2002)
=====

```

Starring

Naomi Watts as Rachel
Martin Henderson as Noah
Brian Cox as Richard Morgan
David Dorfman as Aidan

and with

Gore Verbinski: Director
Ehren Kruger: Writer
Kôji Suzuki: Writer
Hiroshi Takahashi: Writer
Laurie MacDonald: Producer
Walter F. Parkes: Producer

vxdb\$ python3 q3.py ': the return of the king'

The Lord of the Rings: The Return of the King (2003)

=====

Starring

Elijah Wood as Frodo
Viggo Mortensen as Aragorn
Ian McKellen as Gandalf
Orlando Bloom as Legolas

and with

Peter Jackson: Director
Peter Jackson: Writer
J.R.R. Tolkien: Writer
Fran Walsh: Writer
Philippa Boyens: Writer
Barrie M. Osborne: Producer
Howard Shore: Composer

vxdb\$ python3 q3.py 'strangelove' 1964

Dr. Strangelove or: How I Learned to Stop Worrying and Love the Bomb (1964)

=====

Starring

Peter Sellers as Dr. Strangelove
Peter Sellers as Group Capt. Lionel Mandrake
Peter Sellers as President Merkin Muffley

George C. Scott as Gen. 'Buck' Turgidson
Sterling Hayden as Brig. Gen. Jack D. Ripper
Keenan Wynn as Col. 'Bat' Guano

and with

Stanley Kubrick: Director
Stanley Kubrick: Writer
Terry Southern: Writer
Peter George: Writer
Laurie Johnson: Composer
Gilbert Taylor: Cinematographer
Anthony Harvey: Editor

vxdb\$ python3 q3.py 'stars' xyzzy

Usage: q3.py 'MovieTitlePattern' [Year]

vxdb\$ python3 q3.py 'return of the king' 1234

No movie matching 'return of the king' 1234

```
-- no movie matching 'Return of the King' 1234
```

```
vxdb$ python3 q3.py ring 2002
```

```
Movies matching 'ring' 2002
```

```
=====
```

```
8.7 The Lord of the Rings: The Two Towers (2002)
```

```
7.3 On the Occasion of Remembering the Turning Gate (2002)
```

```
7.1 The Ring (2002)
```

```
6.9 Springtime in a Small Town (2002)
```

```
6.5 Ringeraja (2002)
```

```
# Biography/Filmography for a Name (bio)
```

```
vxdb$ python3 q4.py
```

```
Usage: q4.py 'NamePattern' [Year]
```

```
vxdb$ python3 q4.py xyzzzy
```

```
No name matching 'xyzzzy'
```

```
vxdb$ python3 q4.py 'Rafal Zimowski'
```

```
Filmography for Rafal Zimowski (1974-)
```

```
=====
```

```
Personal Rating: 7.3
```

```
Top 3 Genres:
```

```
biography
```

```
drama
```

```
=====
```

```
300 Miles to Heaven (1989)
```

```
playing Jedrek
```

```
vxdb$ python3 q4.py belushi
```

```
Names matching 'belushi'
```

```
=====
```

```
Jim Belushi (1954-)
```

```
John Belushi (1949-1982)
```

```
-- no movie is found
```

```
vxdb$ python3 q4.py 'Gary Rosen'
```

```
Filmography for Gary Rosen (???)
```

```
=====
```

```
Personal Rating: 0
```

```
Top 3 Genres:
```

```
=====
```

```
-- person is in the principal list but has no roles
```

```
vxdb$ python3 q4.py 'nutan prasad'
```

```
Filmography for Nutan Prasad (1945-2011)
```

```
=====
```

```
Personal Rating: 8.9
```

```
Top 3 Genres:
```

```
comedy
```

```
=====
```

```
Aha Naa Pellanta (1987)
```

```
vxdb$ python3 q4.py belushi 1954
Filmography for Jim Belushi (1954-)
=====
Personal Rating: 6.4
Top 3 Genres:
  action
  comedy
  crime
=====
Thief (1981)
  playing Barry
About Last Night... (1986)
  playing Bernie
Salvador (1986)
  playing Dr. Rock
Real Men (1987)
  playing Nick Pirandello
The Principal (1987)
  playing Rick Latimer
Red Heat (1988)
  playing Art Ridzik
K-9 (1989)
  playing Dooley
Mr. Destiny (1990)
  playing Larry Burrows
Taking Care of Business (1990)
  playing Jimmy
Gang Related (1997)
  playing Det. Frank Divinci
Retroactive (1997)
  playing Frank
Angel's Dance (1999)
  playing Stevie 'The Rose' Rosellini
Made Men (1999)
  playing Bill Manucci
Hoodwinked! (2005)
  playing Kirk the Woodsman
```

```
vxdb$ python3 q4.py 'spike lee'
Filmography for Spike Lee (1957-)
=====
Personal Rating: 7.1
Top 3 Genres:
  drama
  comedy
  documentary
=====
She's Gotta Have It (1986)
  playing Mars Blackmon
  as Director
  as Writer
School Daze (1988)
  as Director
  as Writer
```

as Writer
Do the Right Thing (1989)
as Director
as Writer
Mo' Better Blues (1990)
playing Giant
as Director
as Writer
Jungle Fever (1991)
playing Cyrus
as Director
as Writer
Malcolm X (1992)
playing Shorty
as Director
as Writer
Crooklyn (1994)
as Director
as Writer
Clockers (1995)
as Director
as Writer
Get on the Bus (1996)
as Director
4 Little Girls (1997)
as Director
He Got Game (1998)
as Director
as Writer
Summer of Sam (1999)
as Director
as Writer
The Best Man (1999)
as Producer
Bamboozled (2000)
as Director
as Writer
Love & Basketball (2000)
as Producer
The Original Kings of Comedy (2000)
as Director
25th Hour (2002)
as Director
Ten Minutes Older: The Trumpet (2002)
as Director
All the Invisible Children (2005)
as Director
Inside Man (2006)
as Director
Miracle at St. Anna (2008)
as Director
Bad 25 (2012)
as Director
Michael Jackson's Journey from Motown to Off the Wall (2016)
as Director

as Director
Amazing Grace (2018)
as Producer
BlacKkKlansman (2018)
as Director
as Writer
Pavarotti (2019)
playing Himself
as Archive footage

