

Lab 3

In the following cell you have several lists.

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► In [ ]: #list of 007 movies where Sean Connery features James Bond
moviesSeanConnery = ["Dr. No (1962)",
                    "From Russia with Love (1963)",
                    "Goldfinger (1964)",
                    "Thunderball (1965)",
                    "You Only Live Twice (1967)",
                    "Diamonds Are Forever (1971)",
                    "Never Say Never Again (1983)"]

#list of 007 movies where David Neven features James Bond
moviesDavidNeven=["Casino Royale (1967)"]

#list of 007 movies where George Lazenby features James Bond
moviesGeorgeLazenby=["On Her Majesty's Secret Service (1969)"]

#list of 007 movies where Roger Moore features James Bond
moviesRogerMoore=[ "Live and Let Die (1973)",
                  "The Man with the Golden Gun (1974)",
                  "The Spy Who Loved Me (1977)",
                  "Moonraker (1979)",
                  "For Your Eyes Only (1981)",
                  "Octopussy (1983)",
                  "A View to a Kill (1985)"]

#list of 007 movies where Timothy Dalton features James Bond
moviesTimothyDalton=[
    "The Living Daylights (1987)",
    "Licence to Kill (1989)"
]

#list of 007 movies where Pierce Brosnan features James Bond
moviesPierceBrosnan=[
    "GoldenEye (1995)",
    "Tomorrow Never Dies (1997)",
    "The World Is Not Enough (1999)",
    "Die Another Day (2002)"
]

#list of 007 movies where Daniel Craig features James Bond
moviesDanielCraig=["Casino Royale (2006)",
                  "Quantum of Solace (2008)",
                  "Skyfall (2012)",
                  "Spectre (2015)"]
```

1) Create a list of lists (movies007). The list will be composed by each list of movies featured by each actor.

▶ In []:

▶ In []:

2) How many movies were played by the first actor to play James Bond?

▶ In []:

▶ In []:

3) How many movies were played by the last actor to play James Bond?

▶ In []:

▶ In []:

4) How many actors played the role of James Bond?

▶ In []:

5) Create a new list with the number of movies played by each actor

▶ In []:

▶ In []:

▶ In []:

▶ In []:

6) How many movies were played by the actor who appeared most often in movies?

▶ In []:

7) How many movies were played by the actor who appeared in fewer movies?

▶ In []:

8) Create a new list (movies007a) with all the films.

▶ In []:

▶ In []:

9) Sort the elements of the list

▶ In []:

▶ In []:

9) Reverse the order of the list. What will happen if this method is executed twice? Does this method sort the list if it is not sorted?

▶ In []:

▶ In []:

10) What is the index of the movie "Spectre (2015)" in the list of movies

▶ In []:

11) Add the movie "007 and the bad Guy of the climate change (2020)" in the 11th position.

▶ In []:

▶ In []:

12) It was a mistake. Remove the movie "007 and the bad Guy of the climate change (2020)"

▶ In []:

▶ In []: