```
Adding movie: 2002 The Count of Monte Cristo
Adding movie: 1998 The Truman Show
Adding movie: 2013 Faradise
Adding movie: 2006 Mission: Impossible III
Adding movie: 2004 The Fassion of the Christ
Adding movie: 2004 The Fassion of the Christ
Adding movie: 2014 Veronica Mars
Adding movie: 2015 The Dictator
Adding movie: 2017 The Dictator
Adding movie: 2017 The Dictator
Adding movie: 2018 Fearl Harbor
Adding movie: 2001 Fearl Harbor
Adding movie: 2019 The Dictator
Adding movie: 2010 Winter's Bone
Adding movie: 2011 The Dist World: Jurassic Fark
Adding movie: 2012 Insommia
Adding movie: 2013 Showpiercer
Adding movie: 2013 Showpiercer
Adding movie: 2012 Truth or Dare
Adding movie: 2012 Truth or Dare
Adding movie: 2012 Trouble with the Curve
Adding movie: 2012 Trouble with the Curve
Adding movie: 2012 Whath of the Titans
Adding movie: 2012 Whath of the Titans
Adding movie: 2012 What Maisie Knew
Adding movie: 2012 What Maisie Knew
Adding movie: 2012 Affe House
Adding movie: 2013 Third Person
Adding movie: 2014 Mirror Mirror
Adding movie: 2015 Third Person
Adding movie: 2018 Third Person
Adding movie: 2019 Shammer of the Gods
Adding movie: 2018 Third Person
Adding movie: 2018 Newer Back Down
Adding movie: 2011 Sar Back Down
Adding movie: 2012 Manderlust
Adding movie: 2018 Third Person
Adding movie: 2018 Sar Wars: Episode VI - Return of the Jedi
Adding movie: 2018 Defore Sunrise
Adding mo
```

Adding movies from JSON file

Task 1 Print titles of all movies released in 1994

```
rile Edit Format Kun Uptions Window Help
import boto3
from boto3.dynamodb.conditions import Key
def query_movies(year, dynamodb=None):
   if not dynamodb:
        dynamodb = boto3.resource('dynamodb', region_name="eu-west-2b")
        table = dynamodb.Table('Movies')
        response = table.query(
        KeyConditionExpression=Key('year').eq(year)
    )
        return response['Items']
   if __name __ == '__main__':
        query_year = 1994
        print(f"Movies from {query_year}")
        movies = query_movies(query_year)
        for movie in movies:
        print(movie[movie['title'])
```

It works

```
ubuntu@ip-172-31-34-193:~$ python3 1994.py
Movies from 1994
Ace Ventura: Pet Detective
Airheads
Andre
Angels in the Outfield
Baby's Day Out
Blue Sky
Camp Nowhere
Clear and Present Danger
Clerks.
D2: The Mighty Ducks
Don Juan DeMarco
Dumb & Dumber
Ed Wood
Exotica
```

Task 2

Get all info on After Hours 1985

```
import boto3
from boto3.dynamodb.conditions import Key

def query_movies(year, dynamodb=None):
    if not dynamodb:
        dynamodb = boto3.resource('dynamodb', region_name='us-east-l')

    table = dynamodb.Table('Movies')
    response = table.query(
        KeyConditionExpression=Key('year').eq(year) & Key('title').eq('After Hours')
    )
    return response['Items']

if __name__ == '__main__':
    query_year = 1985
    movies = query_movies(query_year)
    for movie in movies:
        print(movie('info'])
```

```
ubuntu@ip-172-31-34-193:~$ python3 1994.py
{'actors': ['Griffin Dunne', 'Rosanna Arquette', 'Verna Bloom'], 'release_date': '1985-09-13T
00:00:00Z', 'plot': 'An ordinary word processor has the worst night of his life after he agre
es to visit a girl in Soho whom he met that evening at a coffee shop.', 'genres': ['Comedy',
'Drama', 'Thriller'], 'image_url': 'http://ia.media-imdb.com/images/M/MV5BMTUxMjEzMzI2MV5BM15
BanBnXkFtZTgwNTU30DAxMDE@._V1_SX400_.jpg', 'directors': ['Martin Scorsese'], 'rating': Decima
1('7.6'), 'rank': Decimal('4325'), 'running_time_secs': Decimal('5820'))
```

It works

Task 3

It works

```
1983 : Scarface
1983 : Star Wars: Episode VI - Return of the Jedi
1983 : Staying Alive
1983 : Superman III
1983 : Terms of Endearment
1983 : The Big Chill
1983 : The Dead Zone
1983 : The Hunger
1983 : The Meaning of Life
1983 : The Outsiders
1983 : The Right Stuff
1983 : Trading Places
1983 : Twilight Zone: The Movie
1983 : Vacation
1983 : Valley Girl
1983 : Videodrome
1983 : WarGames
1932 : Freaks
1932 : Love Me Tonight
1939 : Mr. Smith Goes to Washington
1939 : The Wizard of Oz
1949 : The Third Man
ubuntu@ip-172-31-34-193:~$
```

Task 4

```
File Edit Format Run Options Window Help
from pprint import pprint
import boto3
from boto3.dynamodb.conditions import Key, Attr
def scan_movies(display_movies, dynamodb=None):
   if not dynamodb:
        dynamodb = boto3.resource('dynamodb', region name='us-east-1')
   table = dynamodb.Table('Movies')
   # Scan and get the first page of results
   response = table.scan(
       FilterExpression=Attr('info.actors').contains('Tom Hanks')
   data = response['Items']
   display_movies(data)
    # Continue while there are more pages of results
   while 'LastEvaluatedKey' in response:
       response = table.scan(
           FilterExpression=Attr('info.actors').contains('Tom Hanks'),
           ExclusiveStartKey=response['LastEvaluatedKey']
       data.extend(response['Items'])
       display movies(data)
   return data
if __name__ == '__main__':
   def print movies (movies):
       for movie in movies:
           print(f"\n{movie['year']} : {movie['title']}")
   #print(f"Scanning for movies released from {query range[0]} to {query range[
   scan movies(print movies)
```

It works:

```
ubuntu@ip-172-31-34-193:~$ python3 1994.py

2013 : Captain Phillips

2013 : Saving Mr. Banks

1999 : Toy Story 2

1994 : Forrest Gump

2011 : Extremely Loud & Incredibly Close

2011 : Larry Crowne

1984 : Bachelor Party

1984 : Splash

2012 : Cloud Atlas

2007 : Charlie Wilson's War

1996 : That Thing You Do!

1992 : A League of Their Own

2010 : Toy Story 3

1986 : The Money Pit

2013 : Captain Phillips

2013 : Saving Mr. Banks
```

```
Task 5
```

Took a very long time to run but it works:

```
ubuntu@ip-1/2-31-34-193:~$ python3 1994.py
Deleting movies released from 0 to 2000...
Deletion complete.
ubuntu@ip-172-31-34-193:~$ [
```

```
Scanning for movies released from 0 to 2000...
ubuntu@ip-172-31-34-193:~$
```

Success no movies found