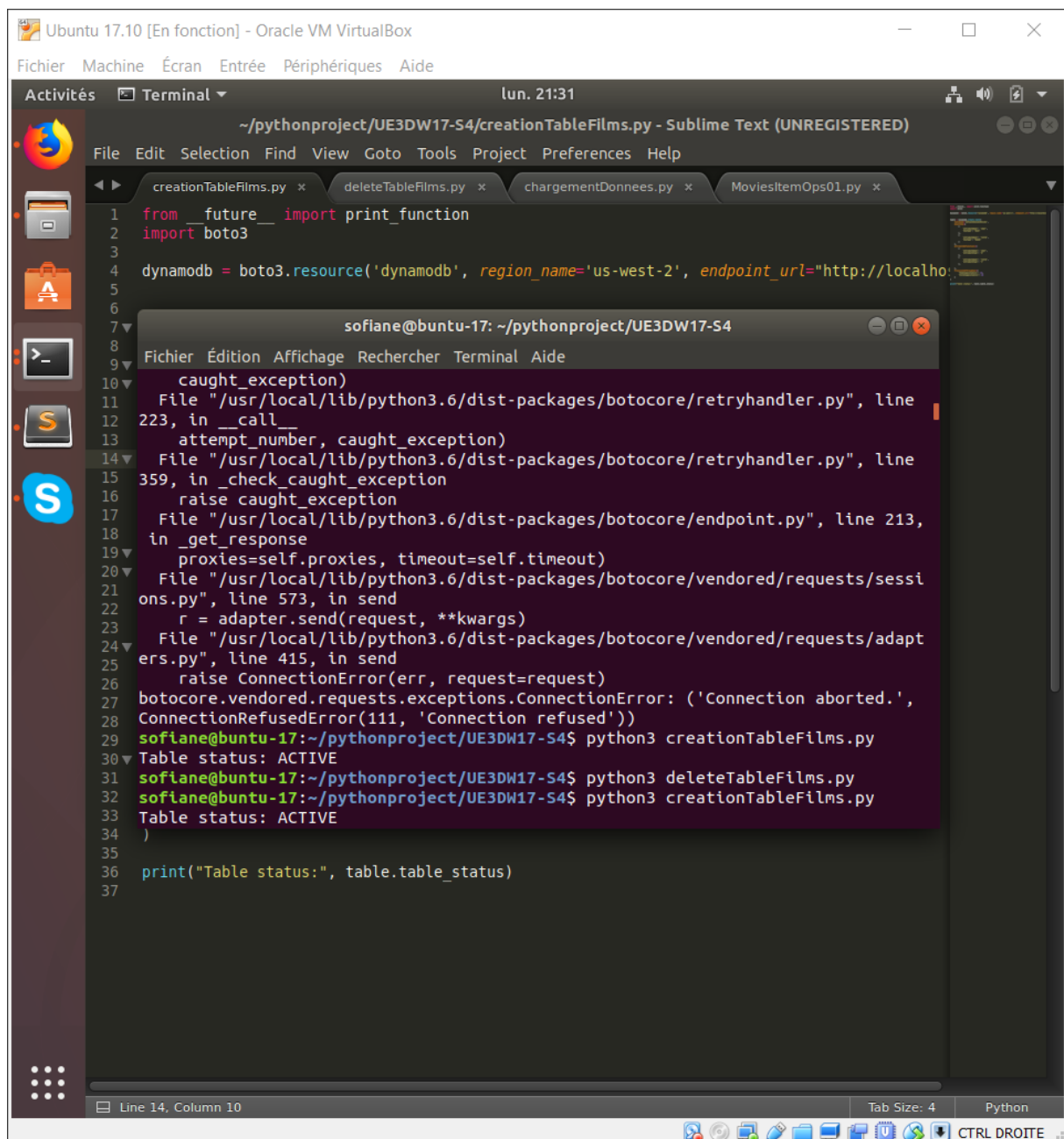


UE 3DW 17 – Base de données

Not Only SQL – DynamoDB

Semaine 4

Déroulement du tutoriel :



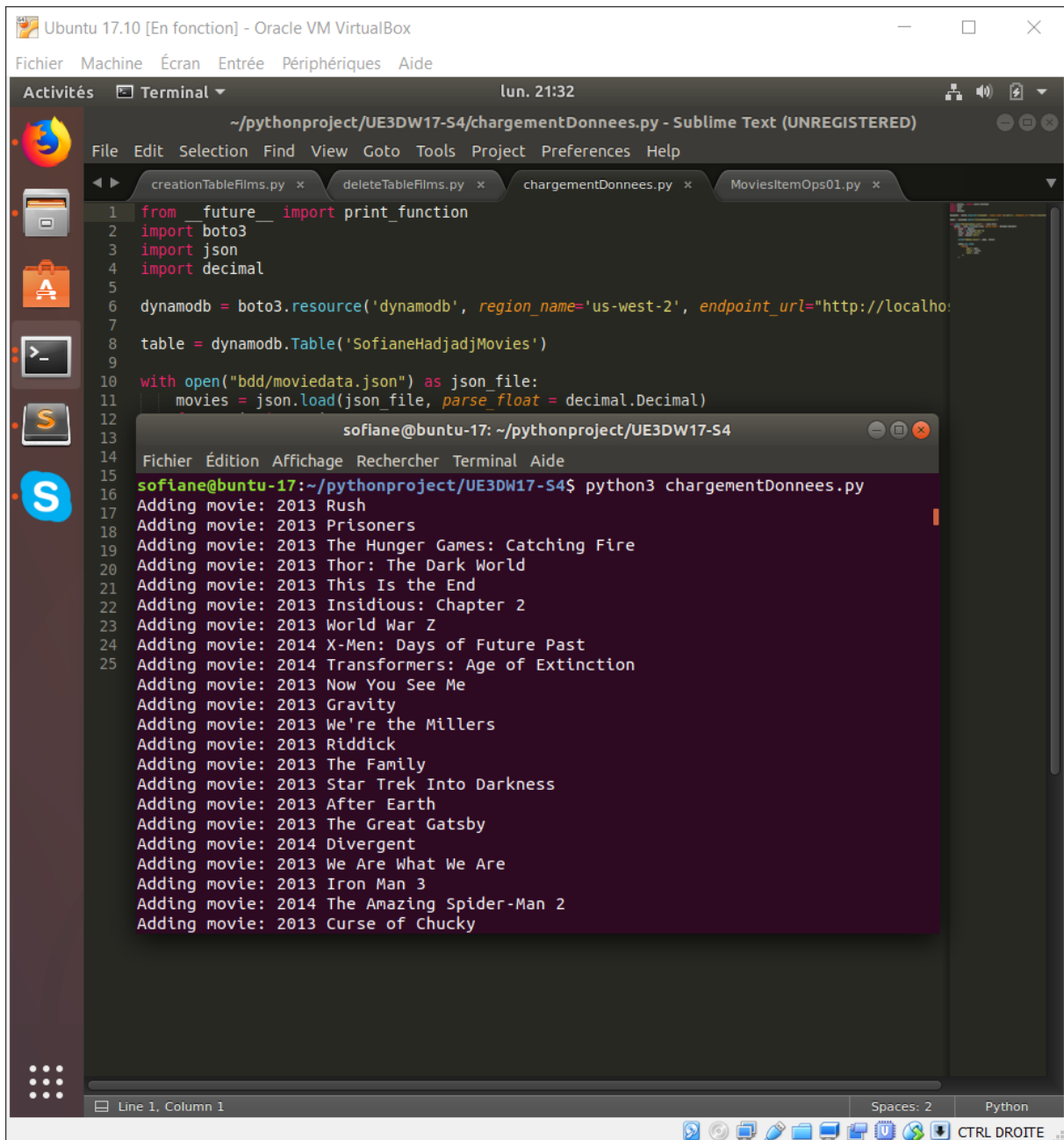
```
~/pythonproject/UE3DW17-S4/creationTableFilms.py - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

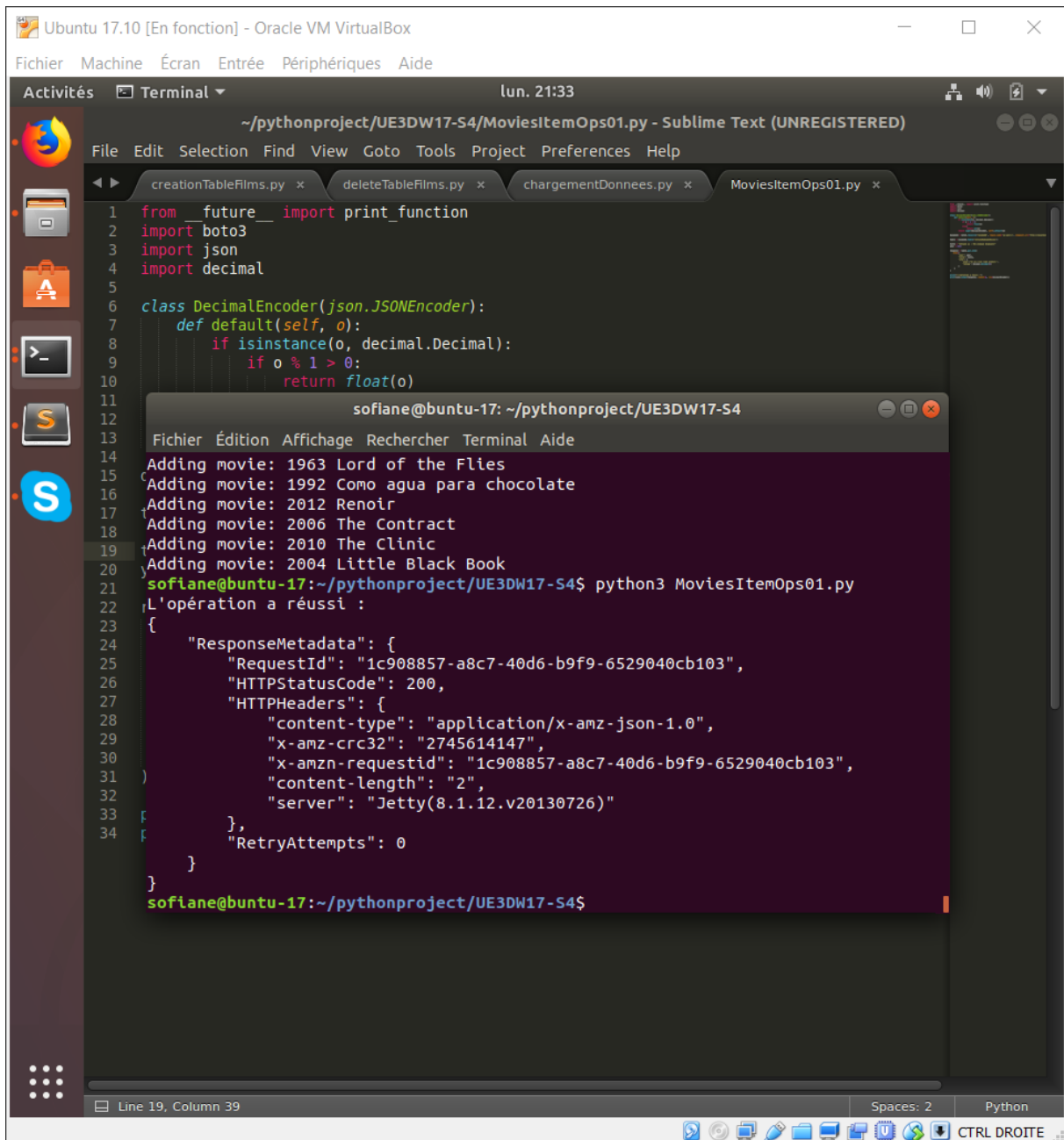
1 from __future__ import print_function
2 import boto3
3
4 dynamodb = boto3.resource('dynamodb', region_name='us-west-2', endpoint_url="http://localhost:8000")
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
```

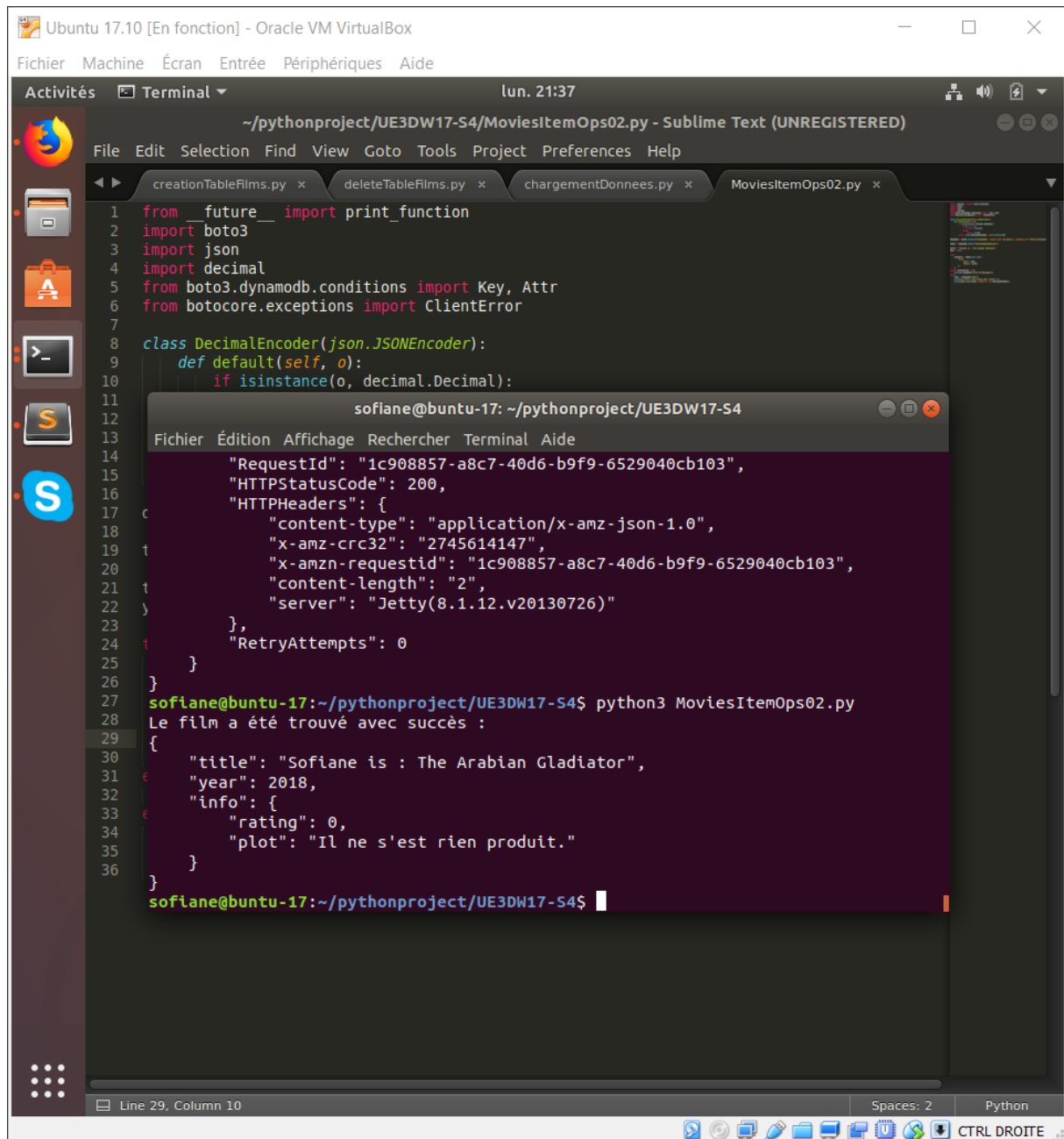
```
sofiame@buntu-17: ~/pythonproject/UE3DW17-S4
Fichier Édition Affichage Rechercher Terminal Aide

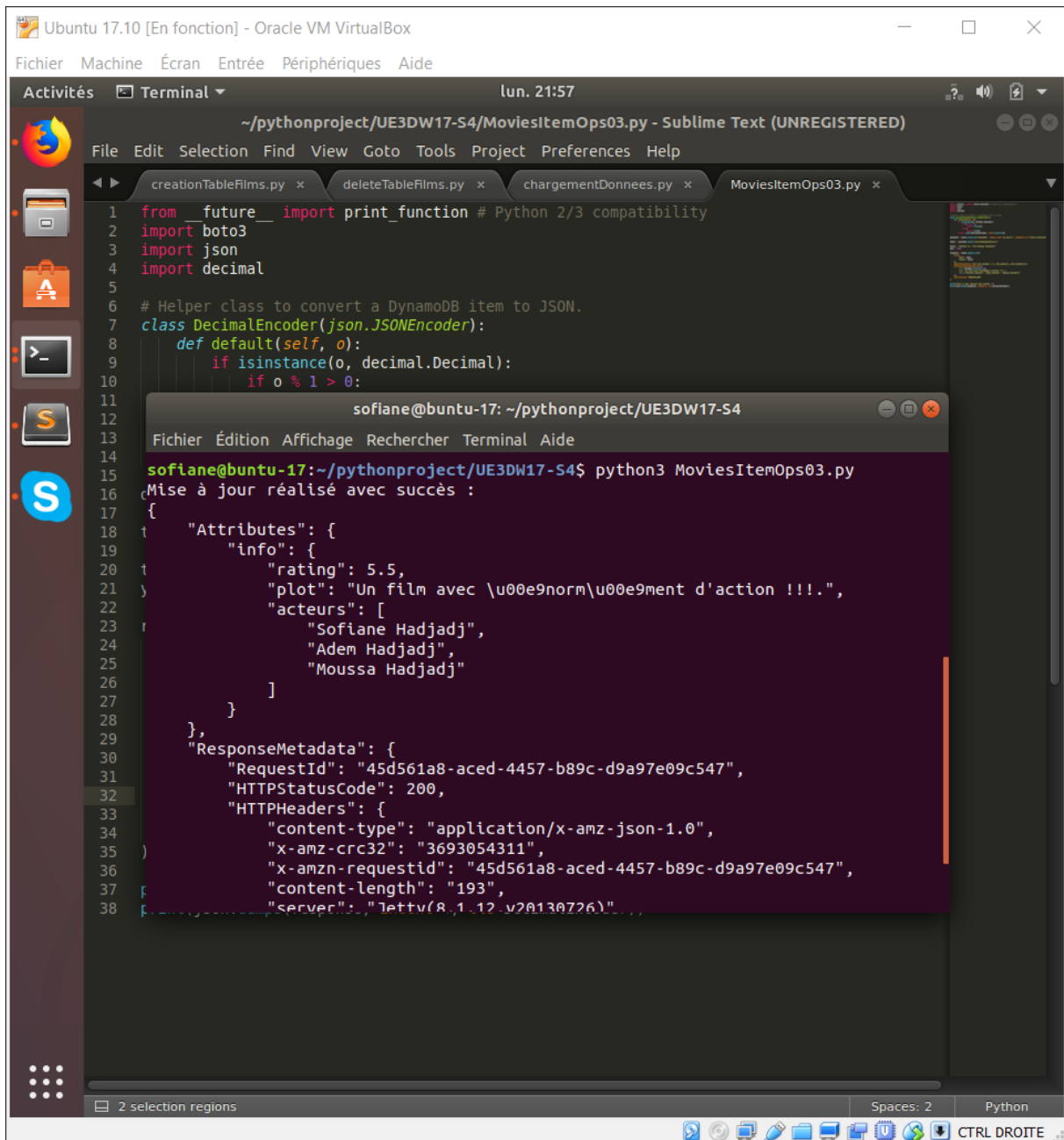
10 caught_exception)
11 File "/usr/local/lib/python3.6/dist-packages/botocore/retryhandler.py", line
12 223, in __call__
13     attempt_number, caught_exception)
14 File "/usr/local/lib/python3.6/dist-packages/botocore/retryhandler.py", line
15 359, in _check_caught_exception
16     raise caught_exception
17 File "/usr/local/lib/python3.6/dist-packages/botocore/endpoint.py", line 213,
18 in _get_response
19     proxies=self.proxies, timeout=self.timeout)
20 File "/usr/local/lib/python3.6/dist-packages/botocore/vendored/requests/sessi
21 ons.py", line 573, in send
22     r = adapter.send(request, **kwargs)
23 File "/usr/local/lib/python3.6/dist-packages/botocore/vendored/requests/adapt
24 ers.py", line 415, in send
25     raise ConnectionError(err, request=request)
26 botocore.vendored.requests.exceptions.ConnectionError: ('Connection aborted.',
27 ConnectionRefusedError(111, 'Connection refused'))
28
29 sofiame@buntu-17:~/pythonproject/UE3DW17-S4$ python3 creationTableFilms.py
30 Table status: ACTIVE
31 sofiame@buntu-17:~/pythonproject/UE3DW17-S4$ python3 deleteTableFilms.py
32 sofiame@buntu-17:~/pythonproject/UE3DW17-S4$ python3 creationTableFilms.py
33 Table status: ACTIVE
34 )
35
36 print("Table status:", table.table_status)
37
```

Line 14, Column 10 Tab Size: 4 Python CTRL DROITE









Ubuntu 17.10 [En fonction] - Oracle VM VirtualBox

Fichier Machine Écran Entrée Périphériques Aide

Activités Terminal lun. 22:04

~/pythonproject/UE3DW17-S4/MoviesItemOps05.py - Sublime Text (UNREGISTERED)

File Edit Selection Find View Goto Tools Project Preferences Help

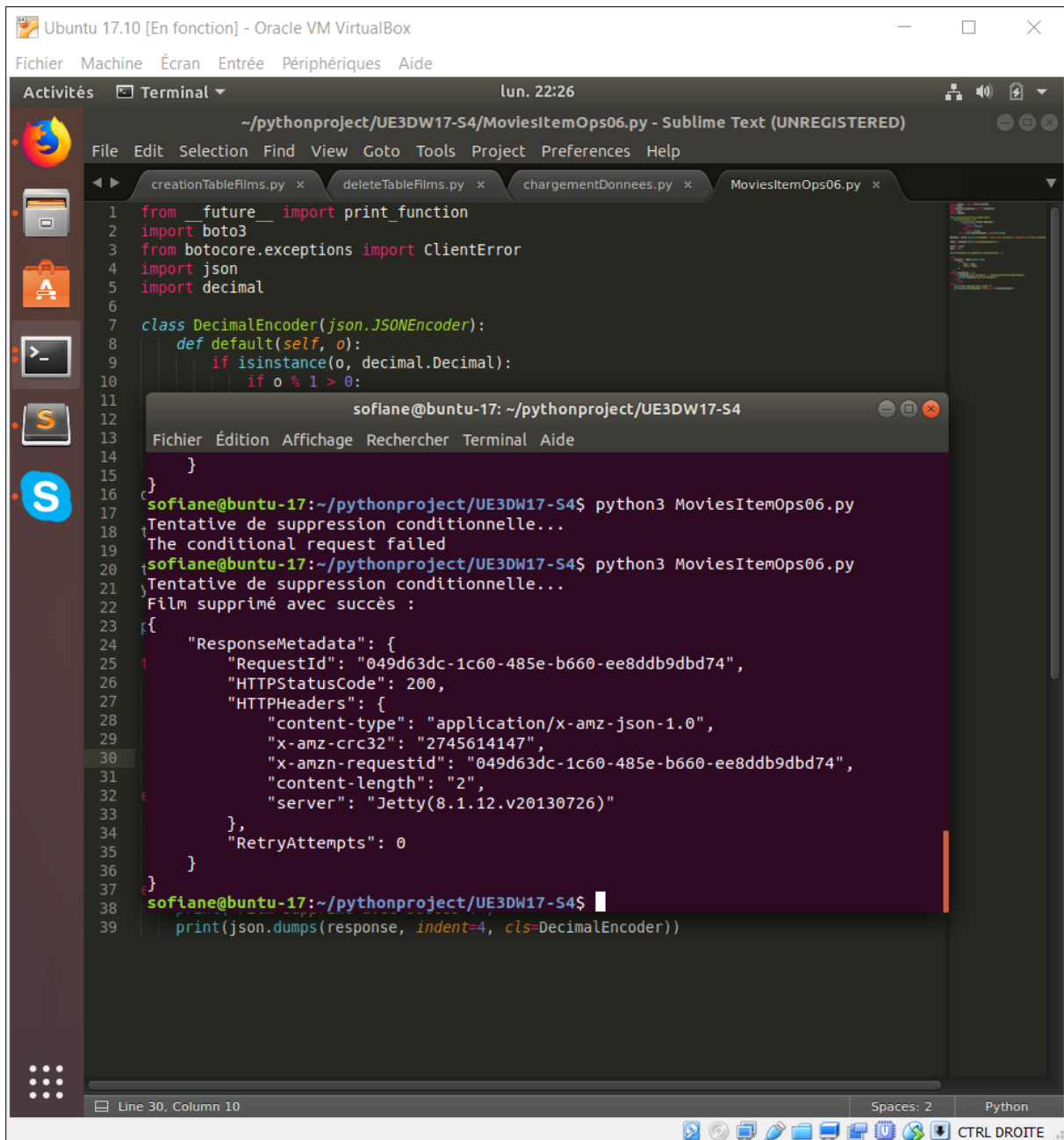
creationTableFilms.py x deleteTableFilms.py x chargementDonnees.py x MoviesItemOps05.py x

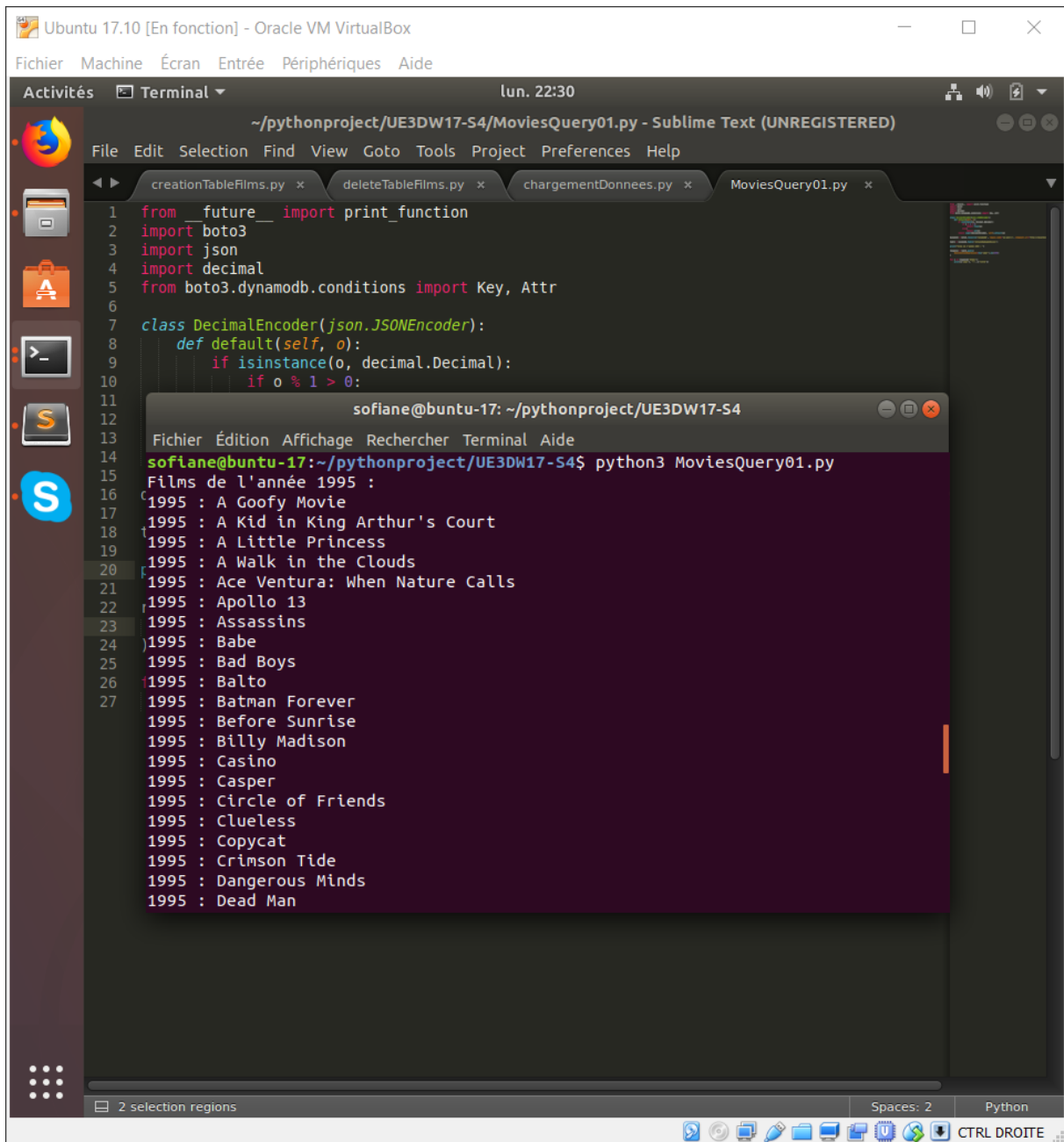
```
1 from __future__ import print_function
2 import boto3
3 from botocore.exceptions import ClientError
4 import json
5 import decimal
6
7 class DecimalEncoder(json.JSONEncoder):
8     def default(self, o):
9         if isinstance(o, decimal.Decimal):
10             if o % 1 > 0:
11
12
13
14
15     "Sofiane Hadjadj",
16     "Adem Hadjadj",
17     "Moussa Hadjadj"
18 ]
19 }
20 },
21 "ResponseMetadata": {
22     "RequestId": "0a1f330b-2b5e-408b-beed-0f3c335f52cb",
23     "HTTPStatusCode": 200,
24     "HTTPHeaders": {
25         "content-type": "application/x-amz-json-1.0",
26         "x-amz-crc32": "1157386275",
27         "x-amzn-requestid": "0a1f330b-2b5e-408b-beed-0f3c335f52cb",
28         "content-length": "193",
29         "server": "Jetty(8.1.12.v20130726)"
30     },
31     "RetryAttempts": 0
32 }
33 }
34
35 sofiane@buntu-17:~/pythonproject/UE3DW17-S4$ python3 MoviesItemOps05.py
36 Tentative de mise à jour conditionnelle
37 The conditional request failed
38 sofiane@buntu-17:~/pythonproject/UE3DW17-S4$
39 if e.response['Error']['Code'] == "ConditionalCheckFailedException":
40     print(e.response['Error']['Message'])
41 else:
42     raise
43 else:
44     print("Mise à jour réalisé avec succès :")
45     print(json.dumps(response, indent=4, cls=DecimalEncoder))
```

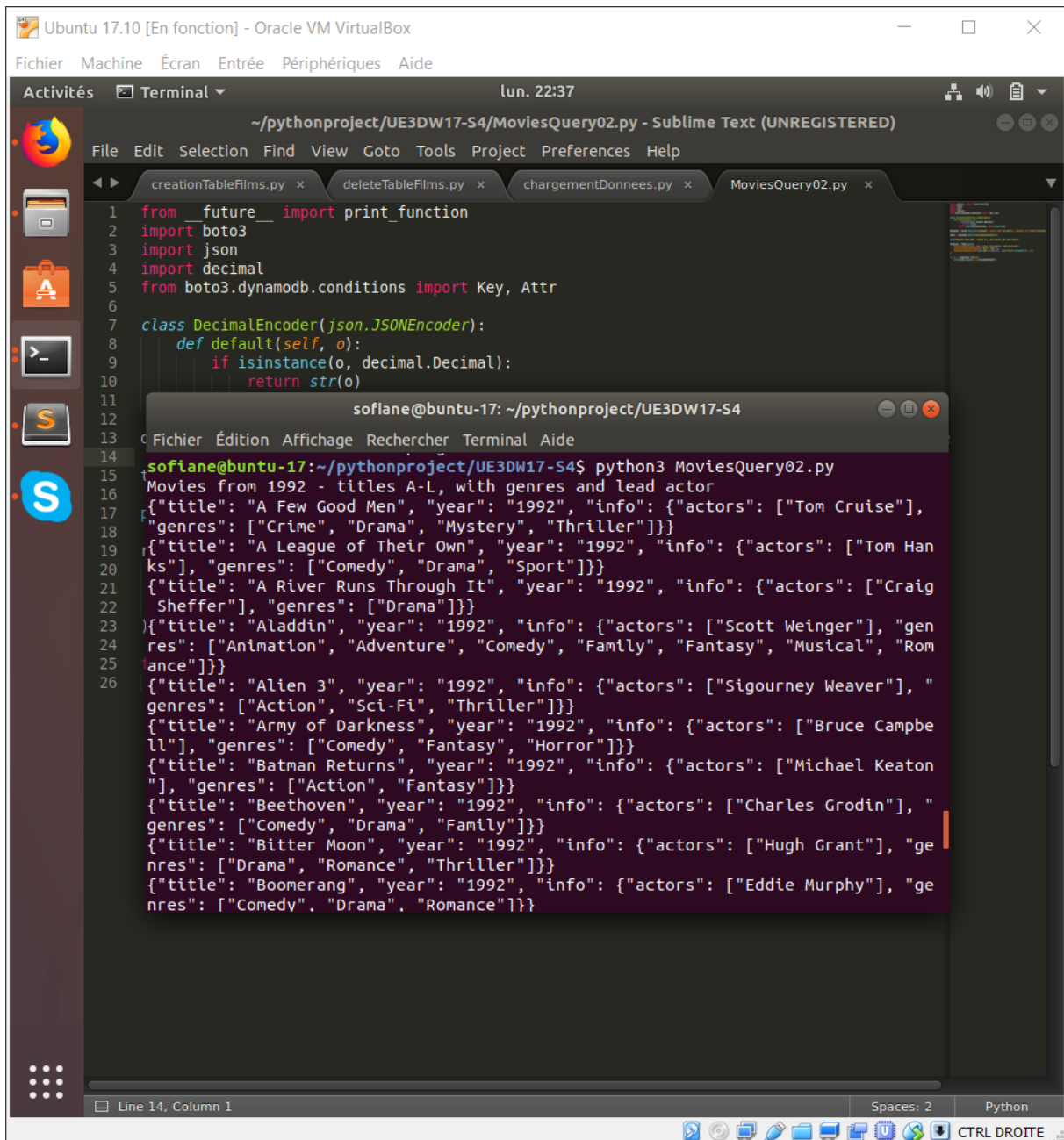
sofiane@buntu-17:~/pythonproject/UE3DW17-S4

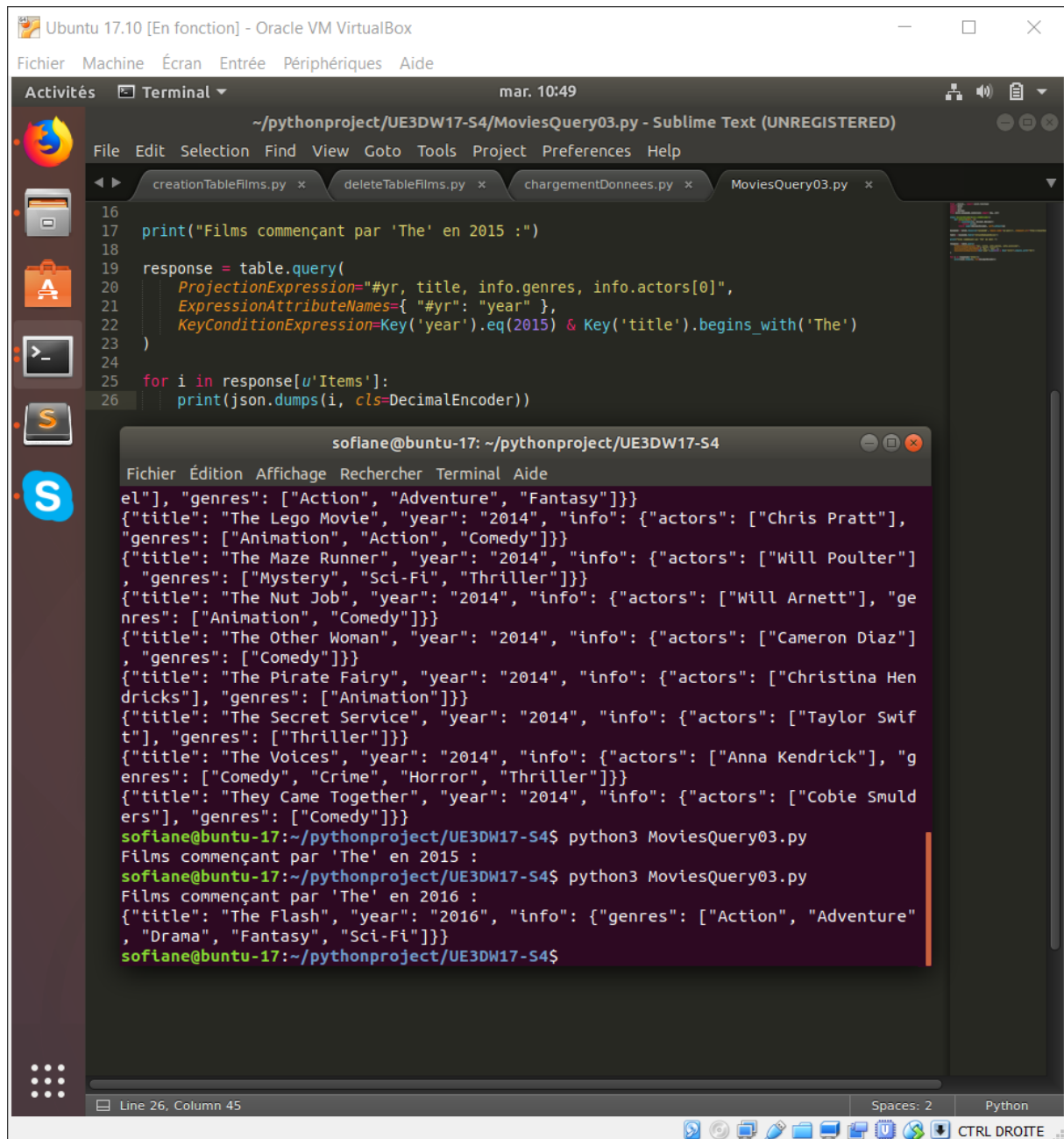
Fichier Édition Affichage Rechercher Terminal Aide

Line 35, Column 11 Spaces: 2 Python CTRL DROITE









Ubuntu 17.10 [En fonction] - Oracle VM VirtualBox

Fichier Machine Écran Entrée Périphériques Aide

mar. 10:56

~/pythonproject/UE3DW17-S4/MoviesScan.py - Sublime Text (UNREGISTERED)

File Edit Selection Find View Goto Tools Project Preferences Help

MoviesScan.py x

```
Fichiers 1 __future__ import print_function
2 import boto3
3 import json
4 import decimal
5 from boto3.dynamodb.conditions import Key, Attr
6
7 class DecimalEncoder(json.JSONEncoder):
8     def default(self, o):
9         if isinstance(o, decimal.Decimal):
10             if o % 1 > 0:
11                 return float(o)
12             else:
13
14
15 Fichier Édition Affichage Rechercher Terminal Aide
16 {"title": "Smultronstallet", "year": 1957, "info": {"rating": 8.3}}
17 {"title": "The Bridge on the River Kwai", "year": 1957, "info": {"rating": 8.3}}
18 {"title": "The Prince and the Showgirl", "year": 1957, "info": {"rating": 6.5}}
19 {"title": "Trooper Hook", "year": 1957, "info": {"rating": 6.5}}
20 {"title": "Witness for the Prosecution", "year": 1957, "info": {"rating": 8.4}}
21 {"title": "From Here to Eternity", "year": 1953, "info": {"rating": 7.8}}
22 {"title": "How to Marry a Millionaire", "year": 1953, "info": {"rating": 6.8}}
23 {"title": "Peter Pan", "year": 1953, "info": {"rating": 7.3}}
24 {"title": "Roman Holiday", "year": 1953, "info": {"rating": 8.1}}
25 {"title": "Shane", "year": 1953, "info": {"rating": 7.7}}
26 {"title": "The War of the Worlds", "year": 1953, "info": {"rating": 7.1}}
27 {"title": "Cat on a Hot Tin Roof", "year": 1958, "info": {"rating": 8}}
28 {"title": "Monster on the Campus", "year": 1958, "info": {"rating": 5.7}}
29 {"title": "No Time for Sergeants", "year": 1958, "info": {"rating": 7.5}}
30 {"title": "Teacher's Pet", "year": 1958, "info": {"rating": 7}}
31 {"title": "Touch of Evil", "year": 1958, "info": {"rating": 8.2}}
32 {"title": "Vertigo", "year": 1958, "info": {"rating": 8.5}}
33 {"title": "All About Eve", "year": 1950, "info": {"rating": 8.4}}
34 {"title": "Cinderella", "year": 1950, "info": {"rating": 7.3}}
35 {"title": "Harvey", "year": 1950, "info": {"rating": 8}}
36 {"title": "Rashomon", "year": 1950, "info": {"rating": 8.4}}
37 {"title": "Sunset Blvd.", "year": 1950, "info": {"rating": 8.6}}
38 {"title": "Tea for Two", "year": 1950, "info": {"rating": 6.4}}
39
40 sofiane@buntu-17:~/pythonproject/UE3DW17-S4$
41
42
43 for i in response['Items']:
44     print(json.dumps(i, cls=DecimalEncoder))
```

Line 44, Column 49

Spaces: 2 Python

CTRL DROITE

