Search:

from pymongo import MongoClient

from pprint import pprint

client = MongoClient("mongodb+srv://kani:Terence04@clustermongodb-xwcjz.gcp.mongodb.net/test?retryWrites=true")

#print(client)

db = client.restaurant

mykey1 = input("Enter the Key to search for ")

myvalue1 = input("Enter the Value to search for ")

mydocs=db.docs.find({mykey1:myvalue1})

for x in mydocs:

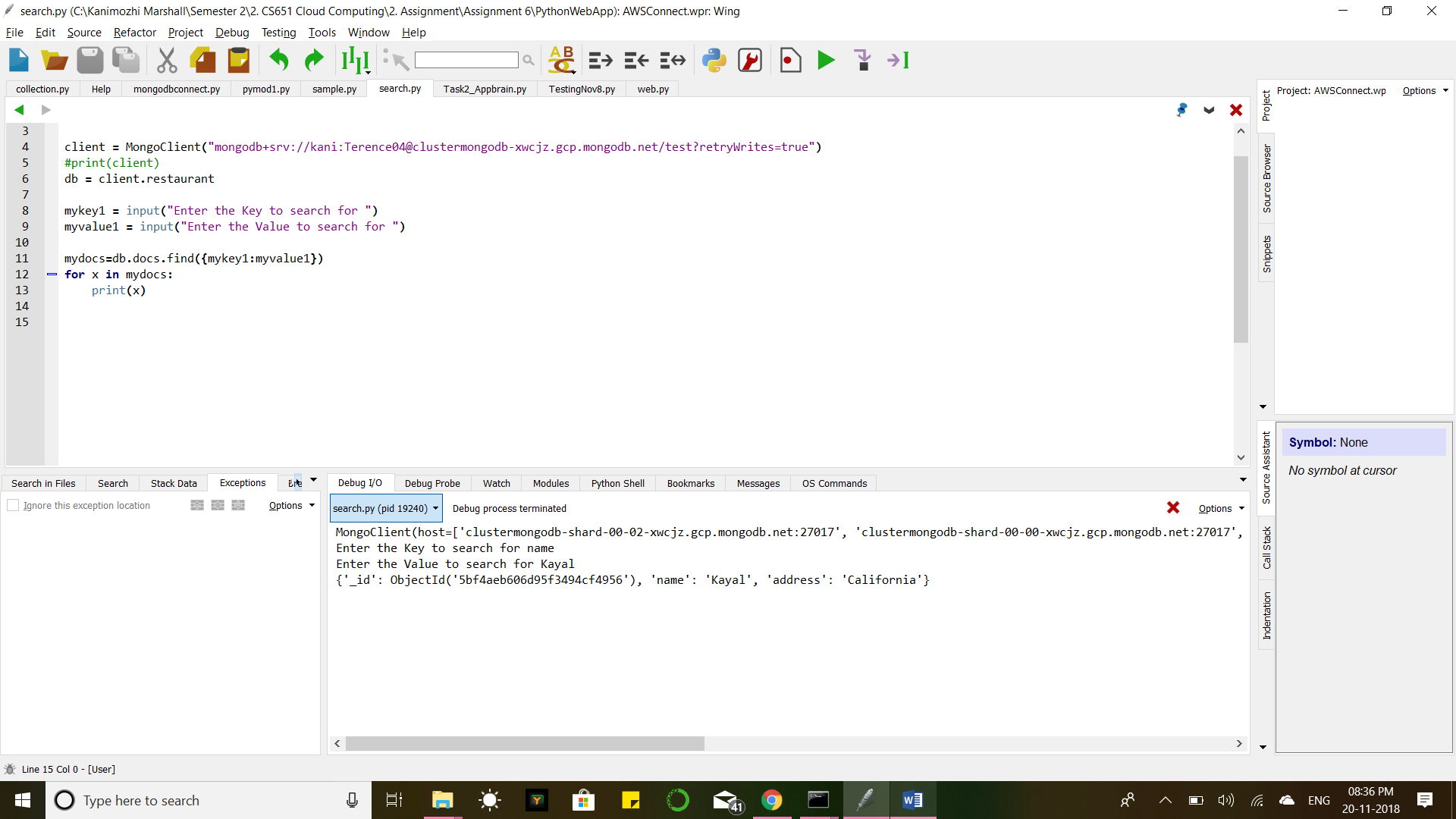
print(x)

MongoClient(host=['clustermongodb-shard-00-02-xwcjz.gcp.mongodb.net:27017', 'clustermongodb-shard-00-00-xwcjz.gcp.mongodb.net:27017', 'clustermongodb-shard-00-01-xwcjz.gcp.mongodb.net:27017'], document\_class=dict, tz\_aware=False, connect=True, authsource='admin', replicaset='ClusterMongoDB-shard-0', ssl=True, retrywrites=True)

Enter the Key to search for name

Enter the Value to search for Kayal

{'\_id': ObjectId('5bf4aeb606d95f3494cf4956'), 'name': 'Kayal', 'address': 'California'}



Insert-Data:

from pymongo import MongoClient

from pprint import pprint

client = MongoClient("mongodb+srv://kani:Terence04@clustermongodb-xwcjz.gcp.mongodb.net/test?retryWrites=true")

#print(client)

db = client.restaurant

#mykey1 = input("Enter the Key to search for ")

#myvalue1 = input("Enter the Value to search for ")

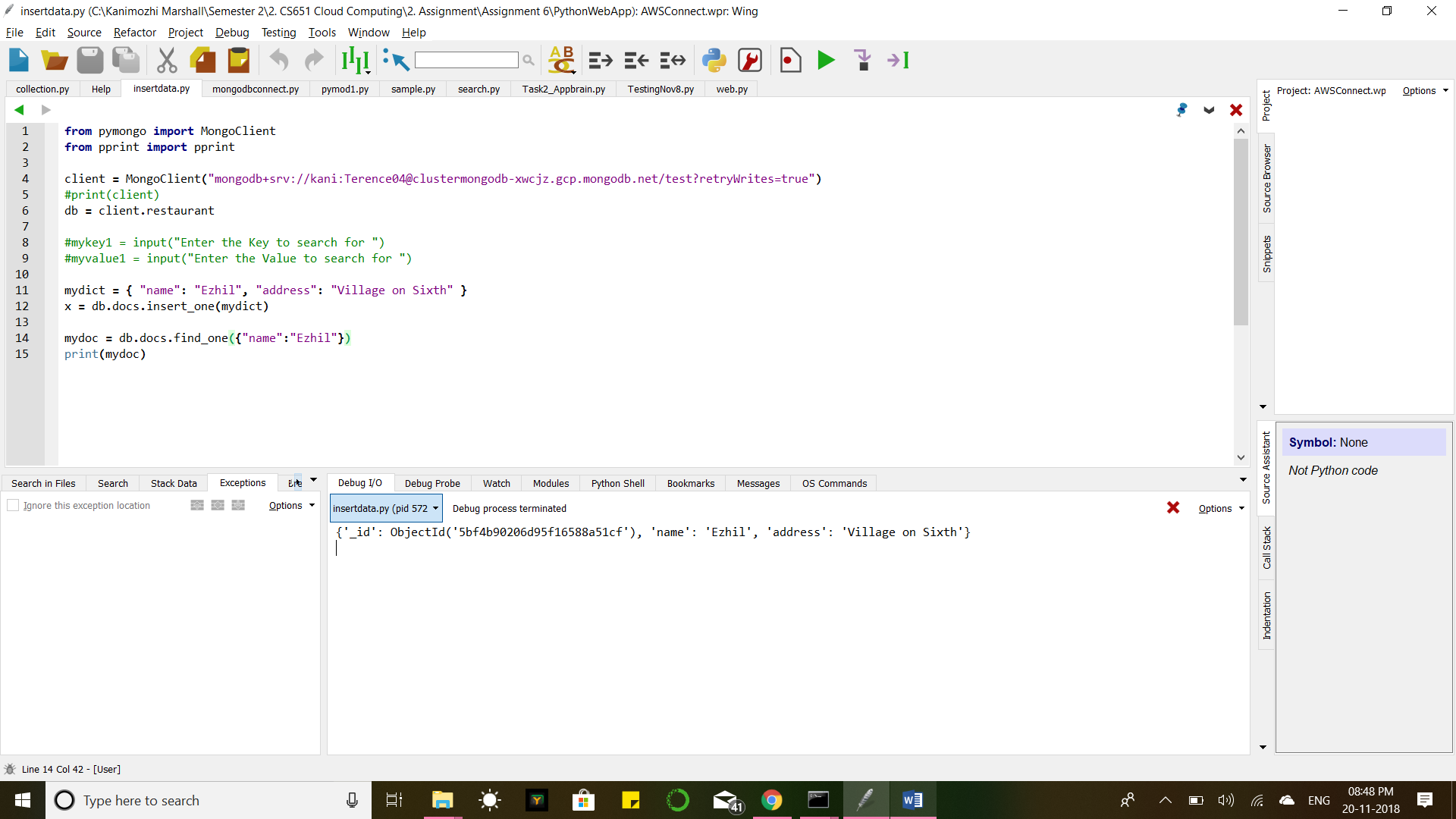
mydict = { "name": "Ezhil", "address": "Village on Sixth" }

x = db.docs.insert\_one(mydict)

mydoc = db.docs.find\_one({"name":"Ezhil"})

print(mydoc)

{'\_id': ObjectId('5bf4b90206d95f16588a51cf'), 'name': 'Ezhil', 'address': 'Village on Sixth'}



Update-Data:

from pymongo import MongoClient

from pprint import pprint

client = MongoClient("mongodb+srv://kani:Terence04@clustermongodb-xwcjz.gcp.mongodb.net/test?retryWrites=true")

#print(client)

db = client.restaurant

mykey1 = input("Enter the Key to search for ")

myvalue1 = input("Enter the Value to search for ")

mychangekey = input("Enter the Key to Update ")

mychangevalue = input("Enter the New Value to Update ")

myquery = { mykey1: myvalue1 }

newvalues = { "$set": { mychangekey: mychangevalue }}

db.docs.update\_many(myquery, newvalues)

mydoc=db.docs.find({"name":"Kayal"})

for x in mydoc:

print(x)

mydoc1=db.docs.find({"name":"Kani"})

for x in mydoc1:

print(x)

Enter the Key to search for name

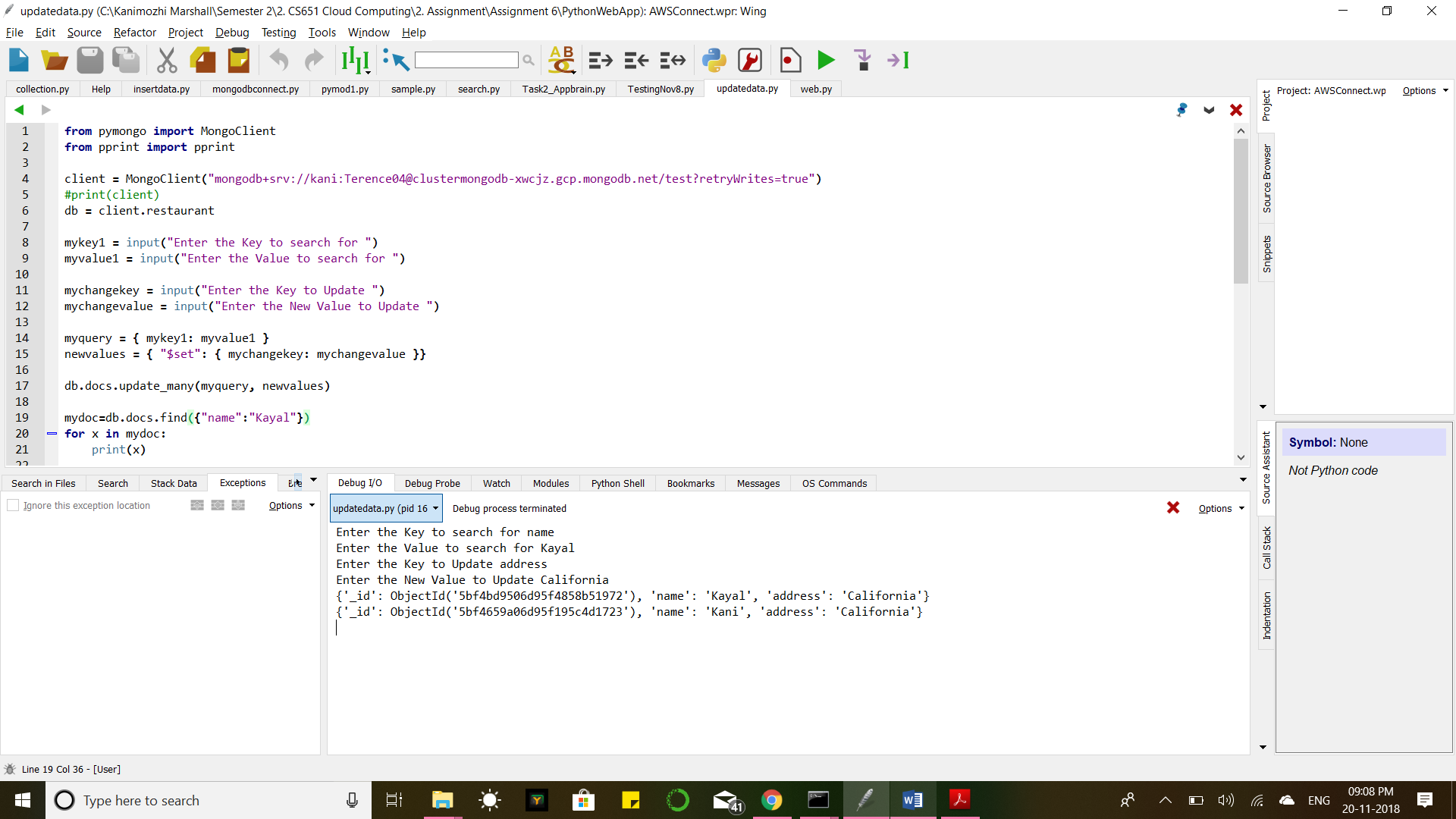
Enter the Value to search for Kayal

Enter the Key to Update address

Enter the New Value to Update California

{'\_id': ObjectId('5bf4bd9506d95f4858b51972'), 'name': 'Kayal', 'address': 'California'}

{'\_id': ObjectId('5bf4659a06d95f195c4d1723'), 'name': 'Kani', 'address': 'California'}



Enter the Key to search for name

Enter the Value to search for Kani

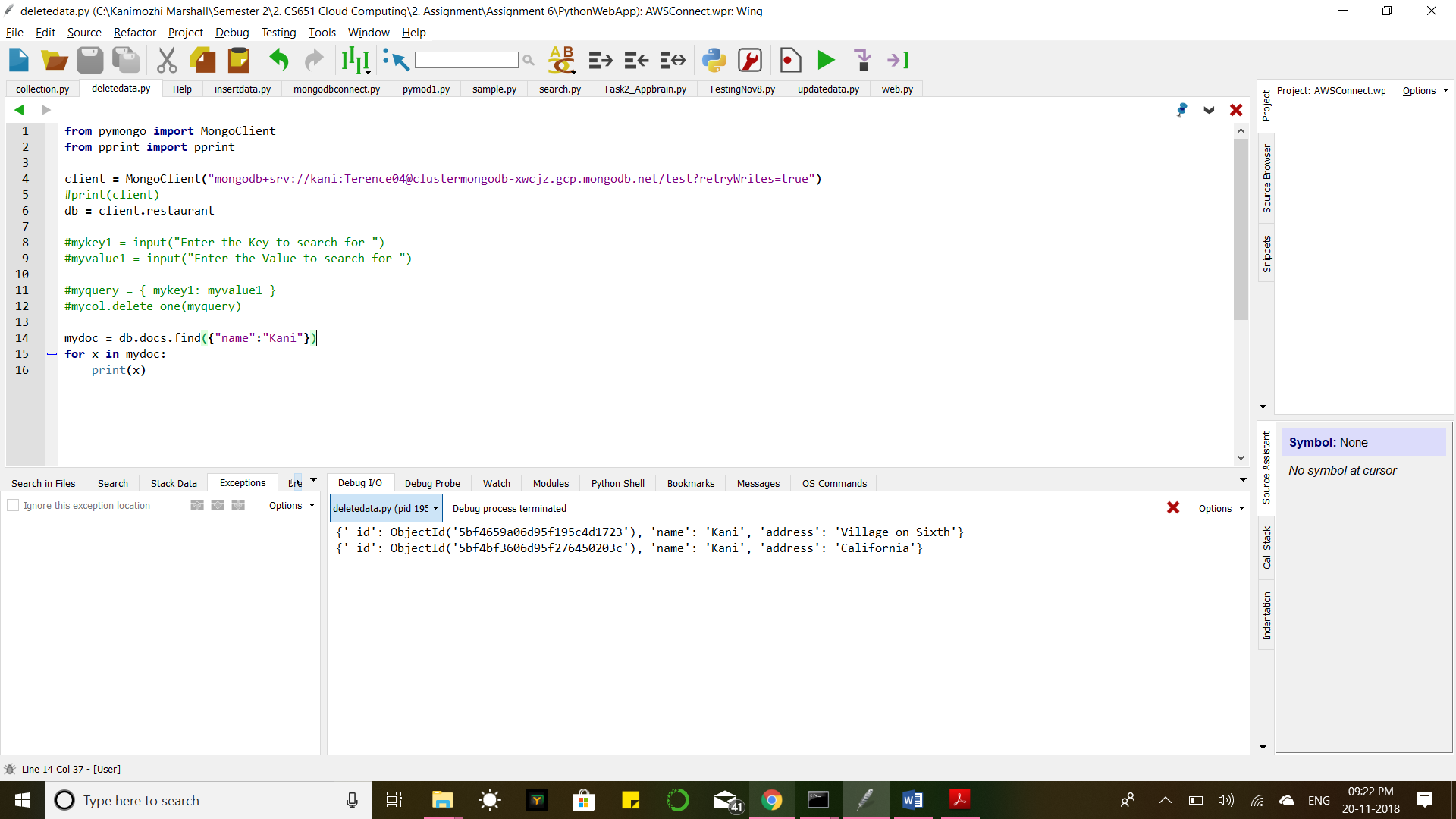
Enter the Key to Update address

Enter the New Value to Update Village on Sixth

{'\_id': ObjectId('5bf4bd9506d95f4858b51972'), 'name': 'Kayal', 'address': 'California'}

{'\_id': ObjectId('5bf4659a06d95f195c4d1723'), 'name': 'Kani', 'address': 'Village on Sixth'}

Data before Delete Operation:



from pymongo import MongoClient

from pprint import pprint

client = MongoClient("mongodb+srv://kani:Terence04@clustermongodb-xwcjz.gcp.mongodb.net/test?retryWrites=true")

#print(client)

db = client.restaurant

#mykey1 = input("Enter the Key to search for ")

#myvalue1 = input("Enter the Value to search for ")

#myquery = { mykey1: myvalue1 }

#mycol.delete\_one(myquery)

mydoc = db.docs.find({"name":"Kani"})

for x in mydoc:

print(x)

{'\_id': ObjectId('5bf4659a06d95f195c4d1723'), 'name': 'Kani', 'address': 'Village on Sixth'}

{'\_id': ObjectId('5bf4bf3606d95f276450203c'), 'name': 'Kani', 'address': 'California'}

Delete-Data:

from pymongo import MongoClient

from pprint import pprint

client = MongoClient("mongodb+srv://kani:Terence04@clustermongodb-xwcjz.gcp.mongodb.net/test?retryWrites=true")

#print(client)

db = client.restaurant

mykey1 = input("Enter the Key to search for ")

myvalue1 = input("Enter the Value to search for ")

myquery = { mykey1: myvalue1 }

db.docs.delete\_one(myquery)

mydoc = db.docs.find({"name":"Kani"})

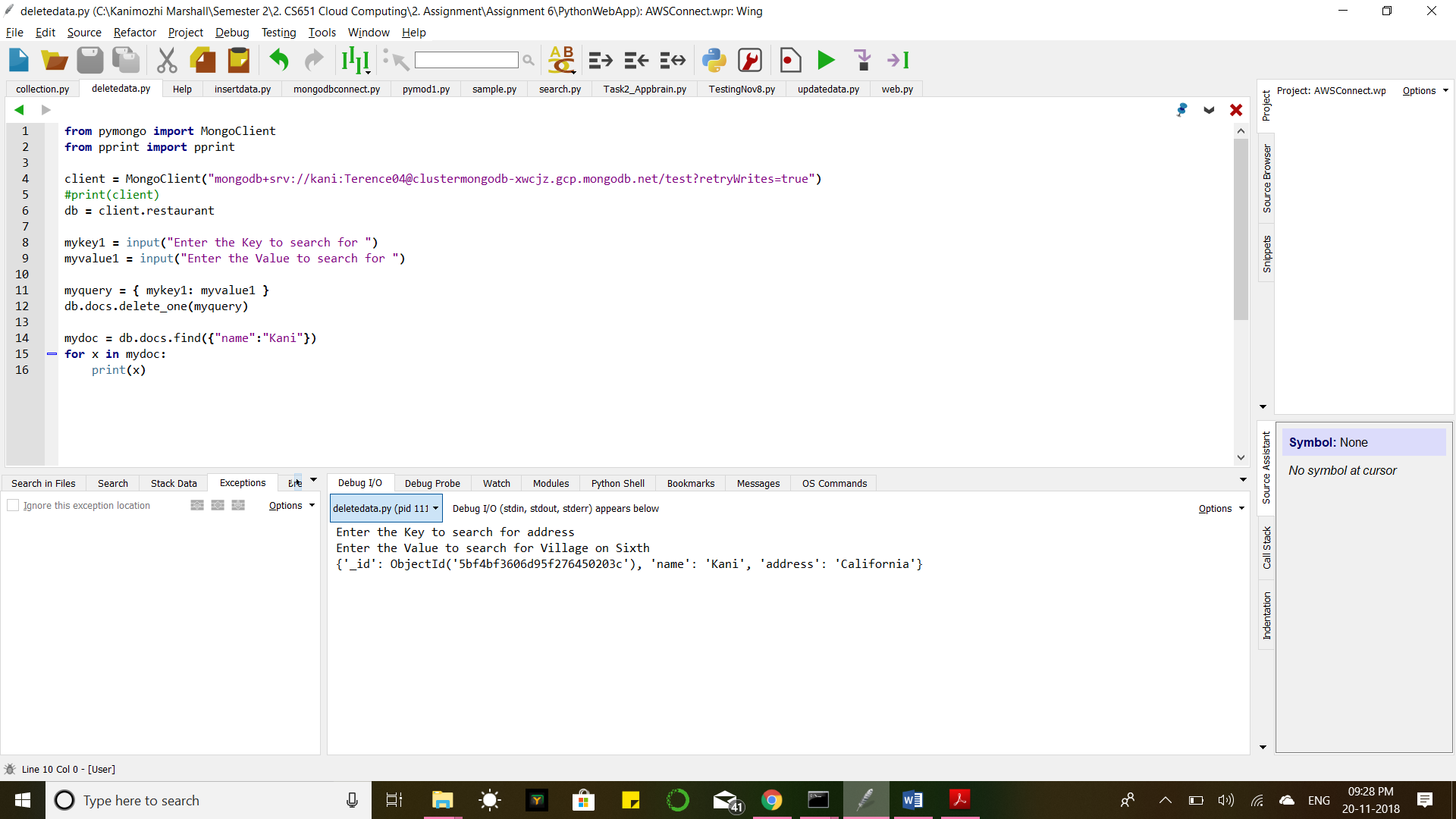
for x in mydoc:

print(x)

Enter the Key to search for address

Enter the Value to search for Village on Sixth

{'\_id': ObjectId('5bf4bf3606d95f276450203c'), 'name': 'Kani', 'address': 'California'}



Getting Attributes , Values and forming a Dictionary to insert into Database: Before adding:

from pymongo import MongoClient

from pprint import pprint

client = MongoClient("mongodb+srv://kani:Terence04@clustermongodb-xwcjz.gcp.mongodb.net/test?retryWrites=true")

#print(client)

db = client.restaurant

#mydict={"":""}

def valuestoinsert():

status = 'Y'

mydict={}

while(status != ('n' or 'N')):

mykey1 = input("Enter the Key to add ")

myvalue1 = input("Enter the Value to add ")

mydict[mykey1] = myvalue1

status = input("Do you want to add more Attributes: Enter 'Y' or 'N' ")

print(mydict)

return mydict

#mydict = valuestoinsert()

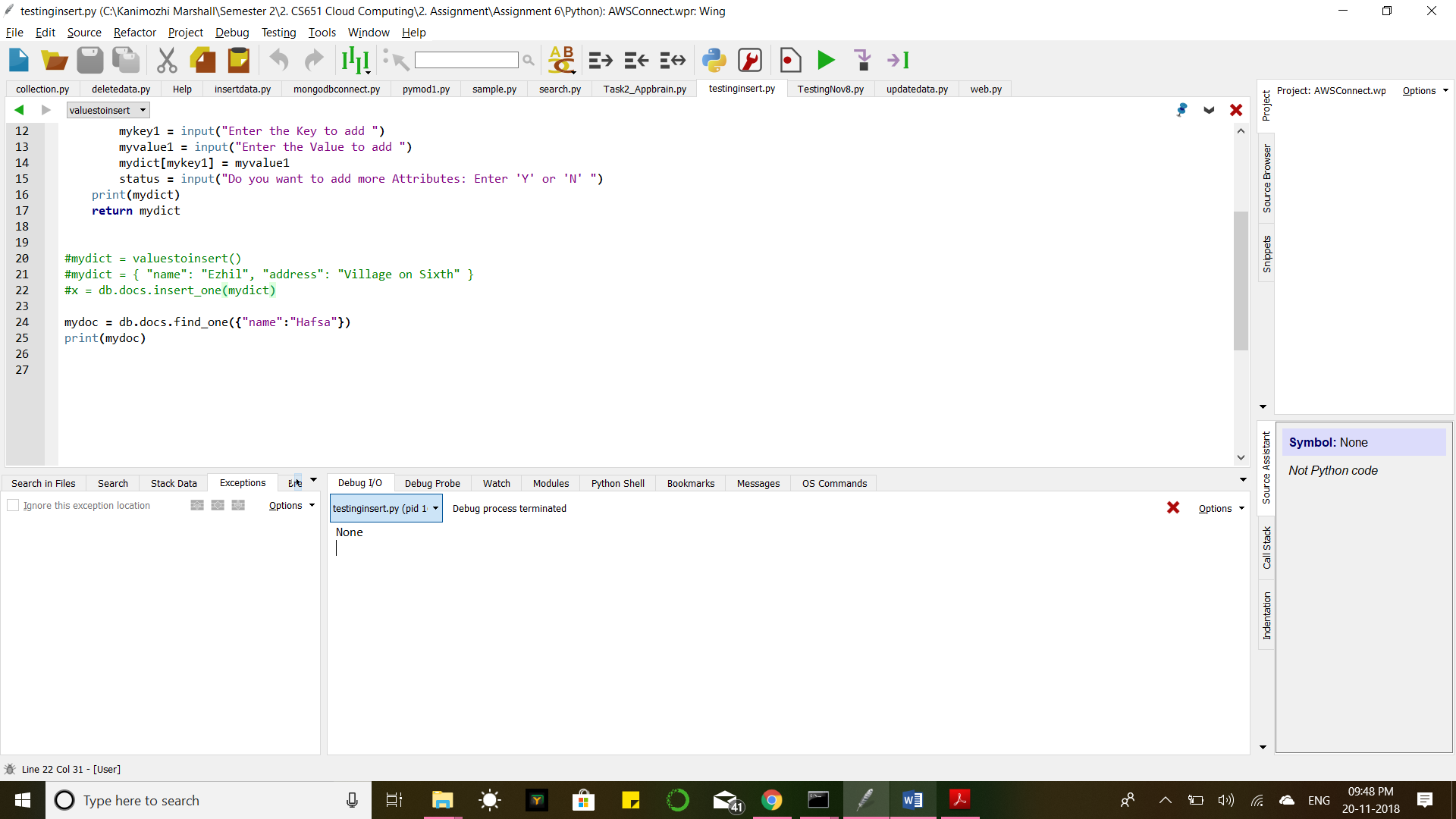
#mydict = { "name": "Ezhil", "address": "Village on Sixth" }

#x = db.docs.insert\_one(mydict)

mydoc = db.docs.find\_one({"name":"Hafsa"})

print(mydoc)

None



Inserting Data:

from pymongo import MongoClient

from pprint import pprint

client = MongoClient("mongodb+srv://kani:Terence04@clustermongodb-xwcjz.gcp.mongodb.net/test?retryWrites=true")

#print(client)

db = client.restaurant

#mydict={"":""}

def valuestoinsert():

status = 'Y'

mydict={}

while(status != ('n' or 'N')):

mykey1 = input("Enter the Key to add : ")

myvalue1 = input("Enter the Value to add : ")

mydict[mykey1] = myvalue1

status = input("Do you want to add more Attributes: Enter 'Y' or 'N' : ")

print(mydict)

return mydict

mydict = valuestoinsert()

#mydict = { "name": "Ezhil", "address": "Village on Sixth" }

x = db.docs.insert\_one(mydict)

mydoc = db.docs.find\_one({"name":"Hafsa"})

print(mydoc)

Enter the Key to add : name

Enter the Value to add : Hafsa

Do you want to add more Attributes: Enter 'Y' or 'N' : y

Enter the Key to add : address

Enter the Value to add : Varsity

Do you want to add more Attributes: Enter 'Y' or 'N' : n

{'name': 'Hafsa', 'address': 'Varsity'}

{'\_id': ObjectId('5bf4c80206d95f4edc69662d'), 'name': 'Hafsa', 'address': 'Varsity'}

Output:

