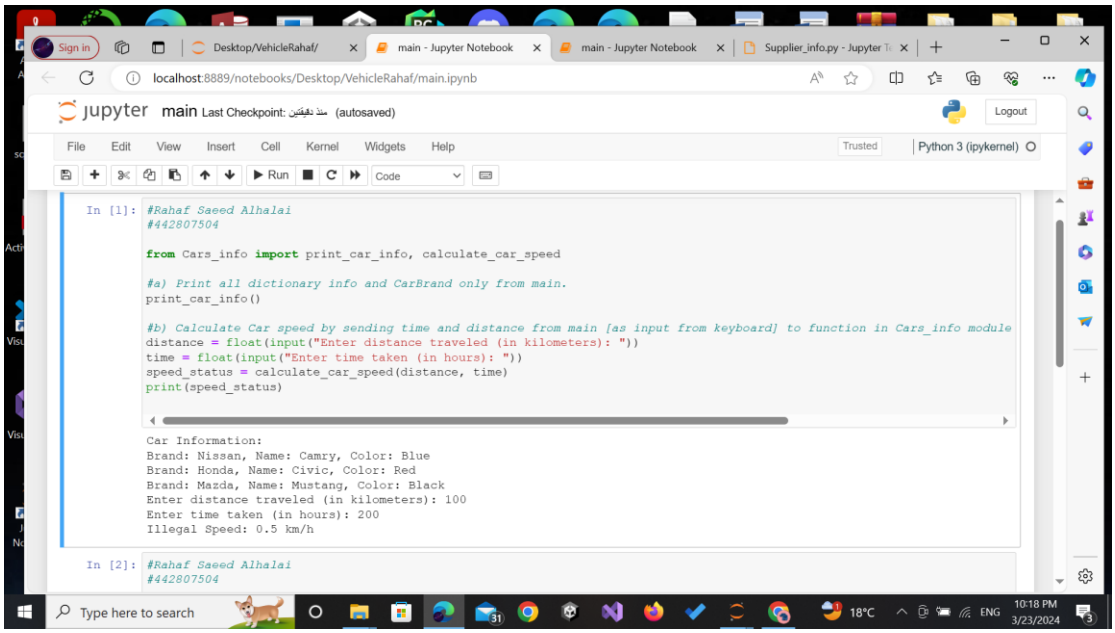
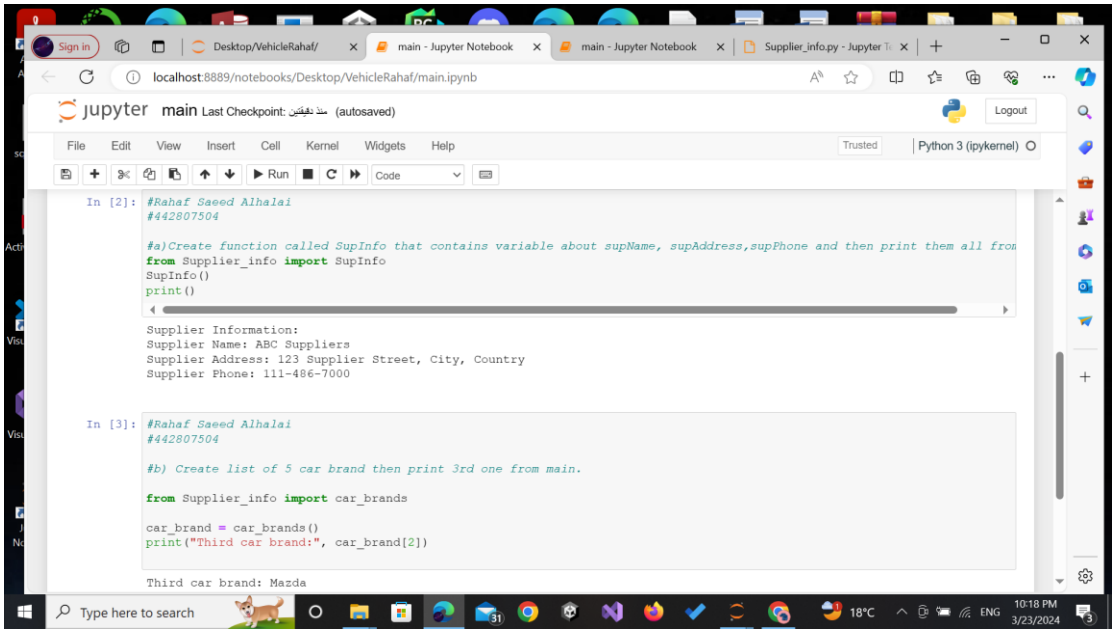

main - Jupyter Notebook
localhost:8889/notebooks/Desktop/VehicleRahaf/main.ipynb
jupyter main Last Checkpoint: منذ دقيقتين (autosaved)
Logout
File Edit View Insert Cell Kernel Widgets Help
Trusted
Python 3 (ipykernel)
Run
Code
In [1]:
#Rahaf Saeed Alhalai
#442807504
from Cars_info import print_car_info, calculate_car_speed
#a) Print all dictionary info and CarBrand only from main.
print_car_info()
#b) Calculate Car speed by sending time and distance from main [as input from keyboard] to function in Cars_info module
distance = float(input("Enter distance traveled (in kilometers): "))
time = float(input("Enter time taken (in hours): "))
speed_status = calculate_car_speed(distance, time)
print(speed_status)
Car Information:
Brand: Nissan, Name: Camry, Color: Blue
Brand: Honda, Name: Civic, Color: Red
Brand: Mazda, Name: Mustang, Color: Black
Enter distance traveled (in kilometers): 100
Enter time taken (in hours): 200
Illegal Speed: 0.5 km/h
In [2]:
#Rahaf Saeed Alhalai
#442807504
Type here to search
18°C
ENG
10:18 PM
3/23/2024


main - Jupyter Notebook
localhost:8889/notebooks/Desktop/VehicleRahaf/main.ipynb
jupyter main Last Checkpoint: منذ دقيقتين (autosaved)
Logout
File Edit View Insert Cell Kernel Widgets Help
Trusted
Python 3 (ipykernel)
Run
Code
In [2]:
#Rahaf Saeed Alhalai
#442807504
#a)Create function called SupInfo that contains variable about supName, supAddress,supPhone and then print them all from
from Supplier_info import SupInfo
SupInfo()
print()
Supplier Information:
Supplier Name: ABC Suppliers
Supplier Address: 123 Supplier Street, City, Country
Supplier Phone: 111-486-7000
In [3]:
#Rahaf Saeed Alhalai
#442807504
#b) Create list of 5 car brand then print 3rd one from main.
from Supplier_info import car_brands
car_brand = car_brands()
print("Third car brand:", car_brand[2])
Third car brand: Mazda
Type here to search
18°C
ENG
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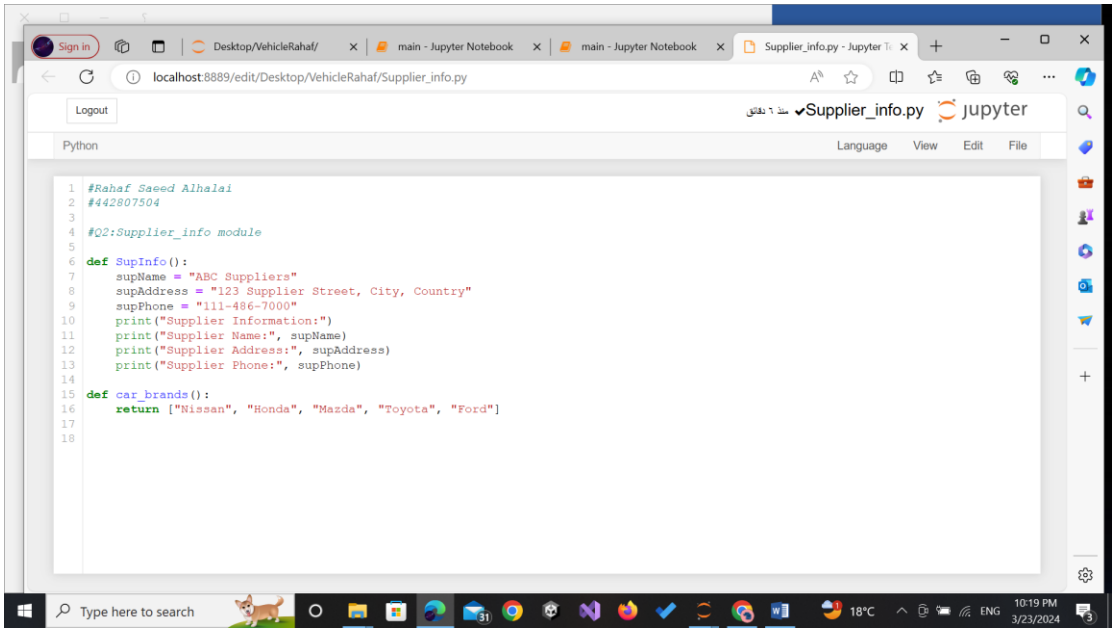
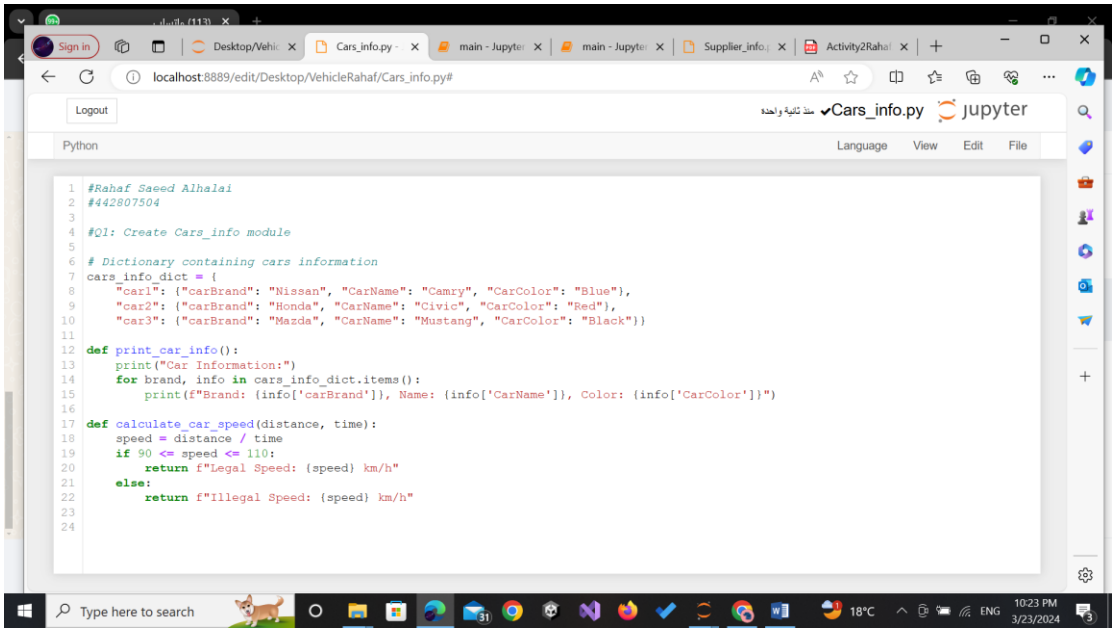
3/23/2024


Supplier_info.py - Jupyter
localhost:8889/edit/Desktop/VehicleRahaf/Supplier_info.py
Logout
Supplier_info.py
jupyter
Python
Language View Edit File
#Rahaf Saeed Alhalai
#442807504
#Q2:Supplier_info module
def SupInfo():
supName = "ABC Suppliers"
supAddress = "123 Supplier Street, City, Country"
supPhone = "111-486-7000"
print("Supplier Information:")
print("Supplier Name:", supName)
print("Supplier Address:", supAddress)
print("Supplier Phone:", supPhone)
def car_brands():
return ["Nissan", "Honda", "Mazda", "Toyota", "Ford"]
Type here to search
18°C
ENG
10:19 PM
3/23/2024


Cars_info.py
localhost:8889/edit/Desktop/VehicleRahaf/Cars_info.py#
Logout
Cars_info.py
jupyter
Python
Language View Edit File
#Rahaf Saeed Alhalai
#442807504
#Q1: Create Cars_info module
# Dictionary containing cars information
cars_info_dict = {
"car1": {"carBrand": "Nissan", "CarName": "Camry", "CarColor": "Blue"},
"car2": {"carBrand": "Honda", "CarName": "Civic", "CarColor": "Red"},
"car3": {"carBrand": "Mazda", "CarName": "Mustang", "CarColor": "Black"}}
def print_car_info():
print("Car Information:")
for brand, info in cars_info_dict.items():
print(f"Brand: {info['carBrand']}, Name: {info['CarName']}, Color: {info['CarColor']}")
def calculate_car_speed(distance, time):
speed = distance / time
if 90 <= speed <= 110:
return f"Legal Speed: {speed} km/h"
else:
return f"Illegal Speed: {speed} km/h"
Type here to search
18°C
ENG
10:23 PM
3/23/2024