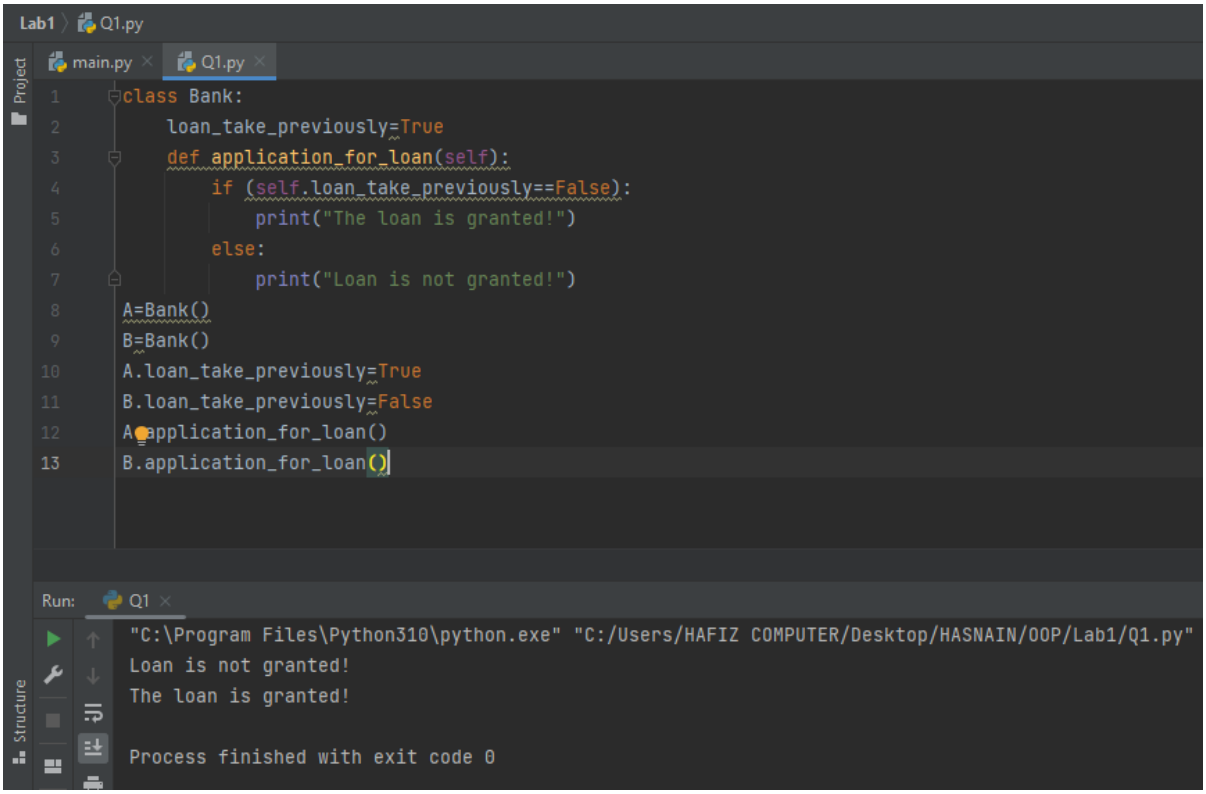
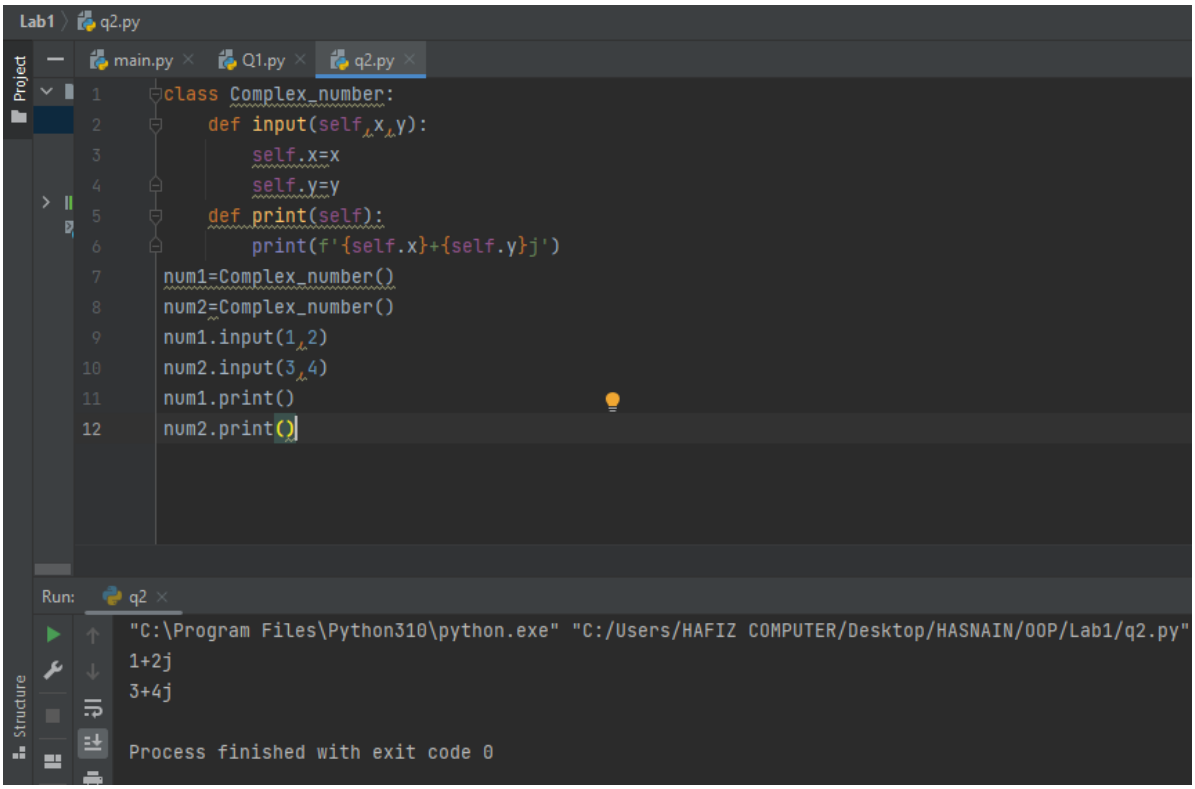
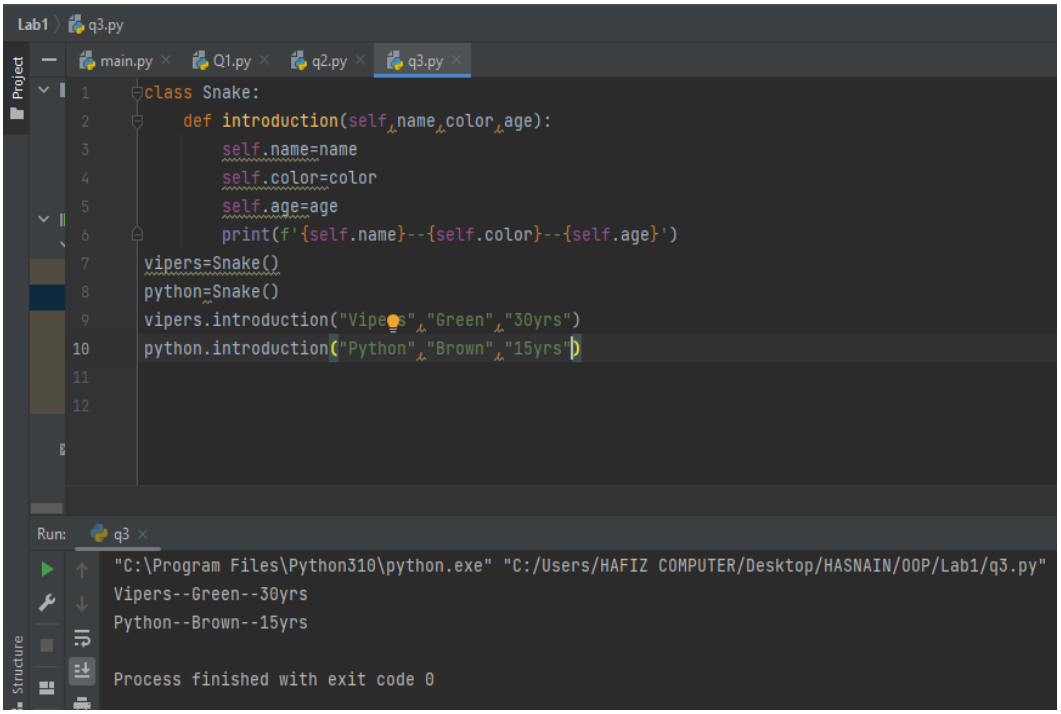
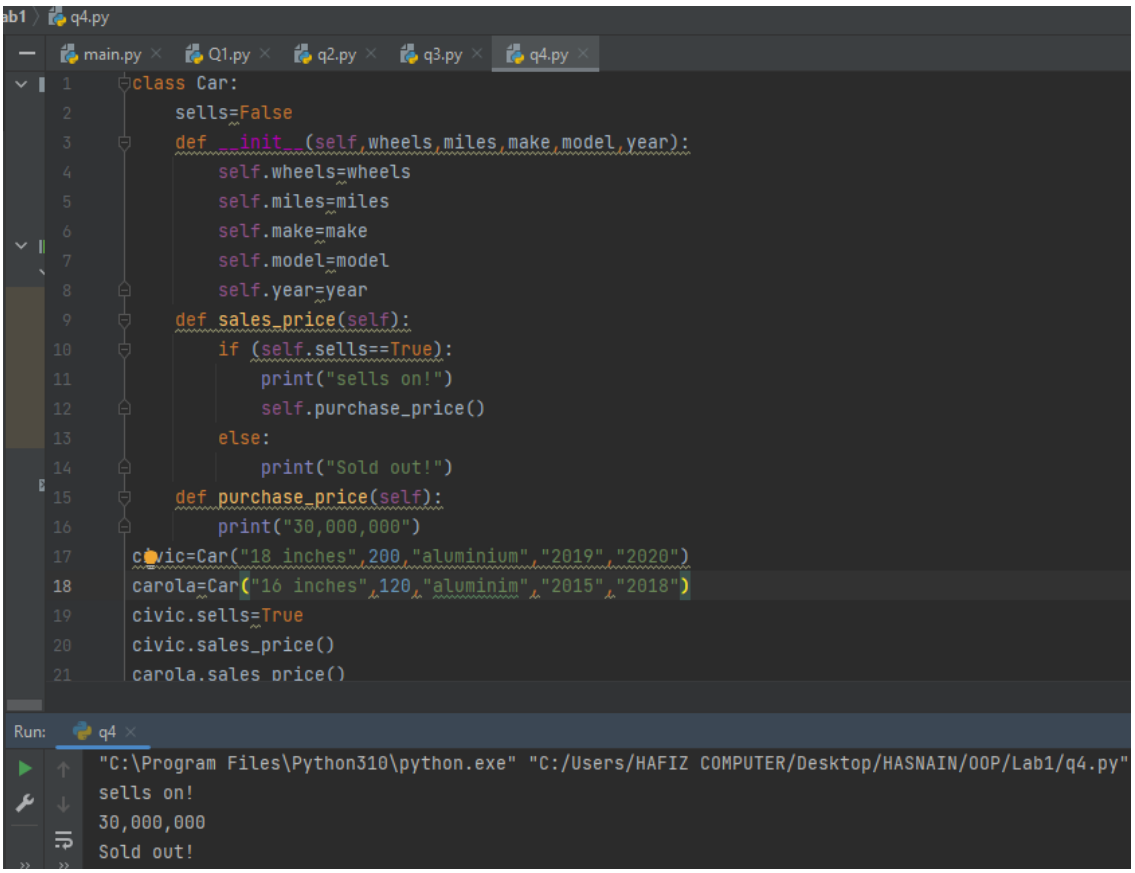

Lab1
Q1.py
main.py
Q1.py
class Bank:
loan_take_previously=True
def application_for_loan(self):
if (self.loan_take_previously==False):
print("The loan is granted!")
else:
print("Loan is not granted!")
A=Bank()
B=Bank()
A.loan_take_previously=True
B.loan_take_previously=False
A.application_for_loan()
B.application_for_loan()
Run:
Q1
"C:\Program Files\Python310\python.exe" "C:/Users/HAFIZ COMPUTER/Desktop/HASNAIN/OOP/Lab1/Q1.py"
Loan is not granted!
The loan is granted!
Process finished with exit code 0


Lab1
q2.py
main.py
Q1.py
q2.py
class Complex_number:
def input(self,x,y):
self.x=x
self.y=y
def print(self):
print(f'{self.x}+{self.y}j')
num1=Complex_number()
num2=Complex_number()
num1.input(1,2)
num2.input(3,4)
num1.print()
num2.print()
Run:
q2
"C:\Program Files\Python310\python.exe" "C:/Users/HAFIZ COMPUTER/Desktop/HASNAIN/OOP/Lab1/q2.py"
1+2j
3+4j
Process finished with exit code 0


Lab1
q3.py
main.py
Q1.py
q2.py
q3.py
class Snake:
def introduction(self,name,color,age):
self.name=name
self.color=color
self.age=age
print(f'{self.name}--{self.color}--{self.age}')
vipers=Snake()
python=Snake()
vipers.introduction("Vipers","Green","30yrs")
python.introduction("Python","Brown","15yrs")
Run:
q3
"C:\Program Files\Python310\python.exe" "C:/Users/HAFIZ COMPUTER/Desktop/HASNAIN/OOP/Lab1/q3.py"
Vipers--Green--30yrs
Python--Brown--15yrs
Process finished with exit code 0


q4.py
main.py
Q1.py
q2.py
q3.py
q4.py
class Car:
sells=False
def __init__(self,wheels,miles,make,model,year):
self.wheels=wheels
self.miles=miles
self.make=make
self.model=model
self.year=year
def sales_price(self):
if (self.sells==True):
print("sells on!")
self.purchase_price()
else:
print("Sold out!")
def purchase_price(self):
print("30,000,000")
civic=Car("18 inches",200,"aluminium","2019","2020")
carola=Car("16 inches",120,"aluminim","2015","2018")
civic.sells=True
civic.sales_price()
carola.sales_price()
Run:
q4
"C:\Program Files\Python310\python.exe" "C:/Users/HAFIZ COMPUTER/Desktop/HASNAIN/OOP/Lab1/q4.py"
sells on!
30,000,000
Sold out!