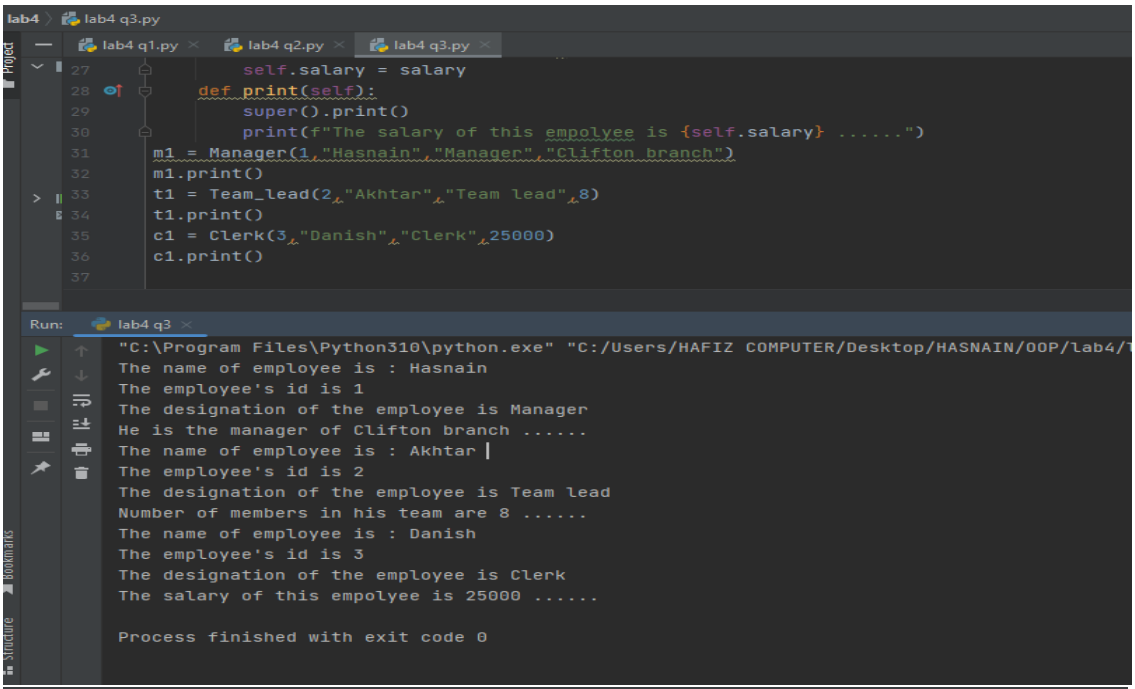
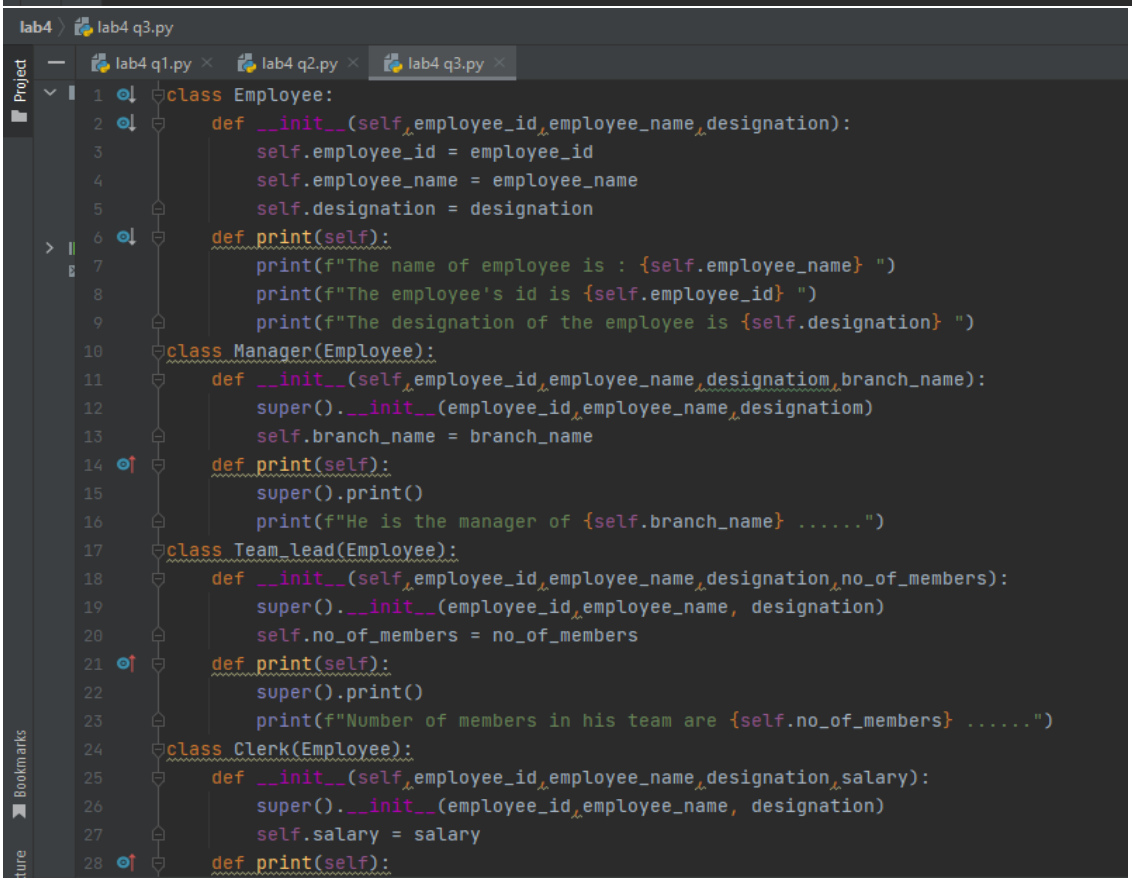
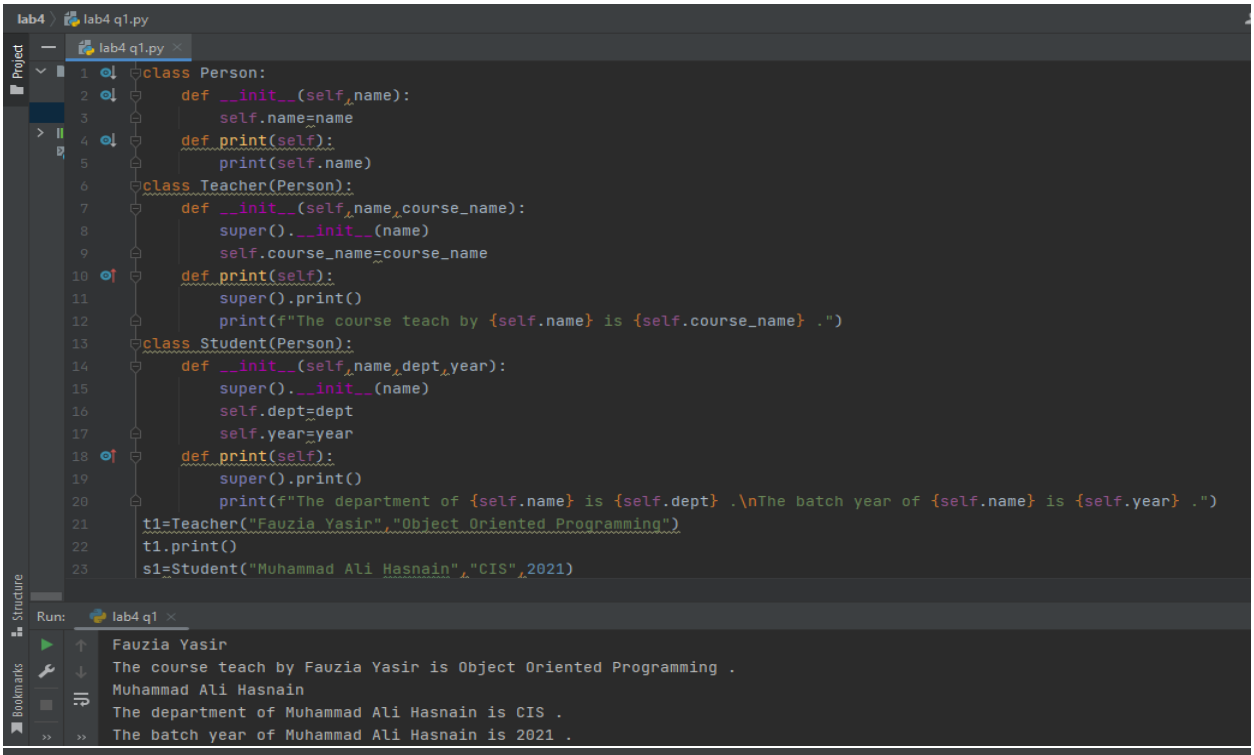

lab4 q3.py
lab4 q1.py
lab4 q2.py
lab4 q3.py
self.salary = salary
def print(self):
super().print()
print(f"The salary of this empolyee is {self.salary} ......")
m1 = Manager(1,"Hasnain","Manager","Clifton branch")
m1.print()
t1 = Team_lead(2,"Akhtar","Team lead",8)
t1.print()
c1 = Clerk(3,"Danish","Clerk",25000)
c1.print()
Run:
lab4 q3
"C:\Program Files\Python310\python.exe" "C:/Users/HAFIZ COMPUTER/Desktop/HASNAIN/OOP/lab4/
The name of employee is : Hasnain
The employee's id is 1
The designation of the employee is Manager
He is the manager of Clifton branch ......
The name of employee is : Akhtar
The employee's id is 2
The designation of the employee is Team lead
Number of members in his team are 8 ......
The name of employee is : Danish
The employee's id is 3
The designation of the employee is Clerk
The salary of this empolyee is 25000 ......
Process finished with exit code 0


lab4 q3.py
lab4 q1.py
lab4 q2.py
lab4 q3.py
class Employee:
def __init__(self,employee_id,employee_name,designation):
self.employee_id = employee_id
self.employee_name = employee_name
self.designation = designation
def print(self):
print(f"The name of employee is : {self.employee_name} ")
print(f"The employee's id is {self.employee_id} ")
print(f"The designation of the employee is {self.designation} ")
class Manager(Employee):
def __init__(self,employee_id,employee_name,designatiom,branch_name):
super().__init__(employee_id,employee_name,designatiom)
self.branch_name = branch_name
def print(self):
super().print()
print(f"He is the manager of {self.branch_name} ......")
class Team_lead(Employee):
def __init__(self,employee_id,employee_name,designation,no_of_members):
super().__init__(employee_id,employee_name, designation)
self.no_of_members = no_of_members
def print(self):
super().print()
print(f"Number of members in his team are {self.no_of_members} ......")
class Clerk(Employee):
def __init__(self,employee_id,employee_name,designation,salary):
super().__init__(employee_id,employee_name, designation)
self.salary = salary
def print(self):



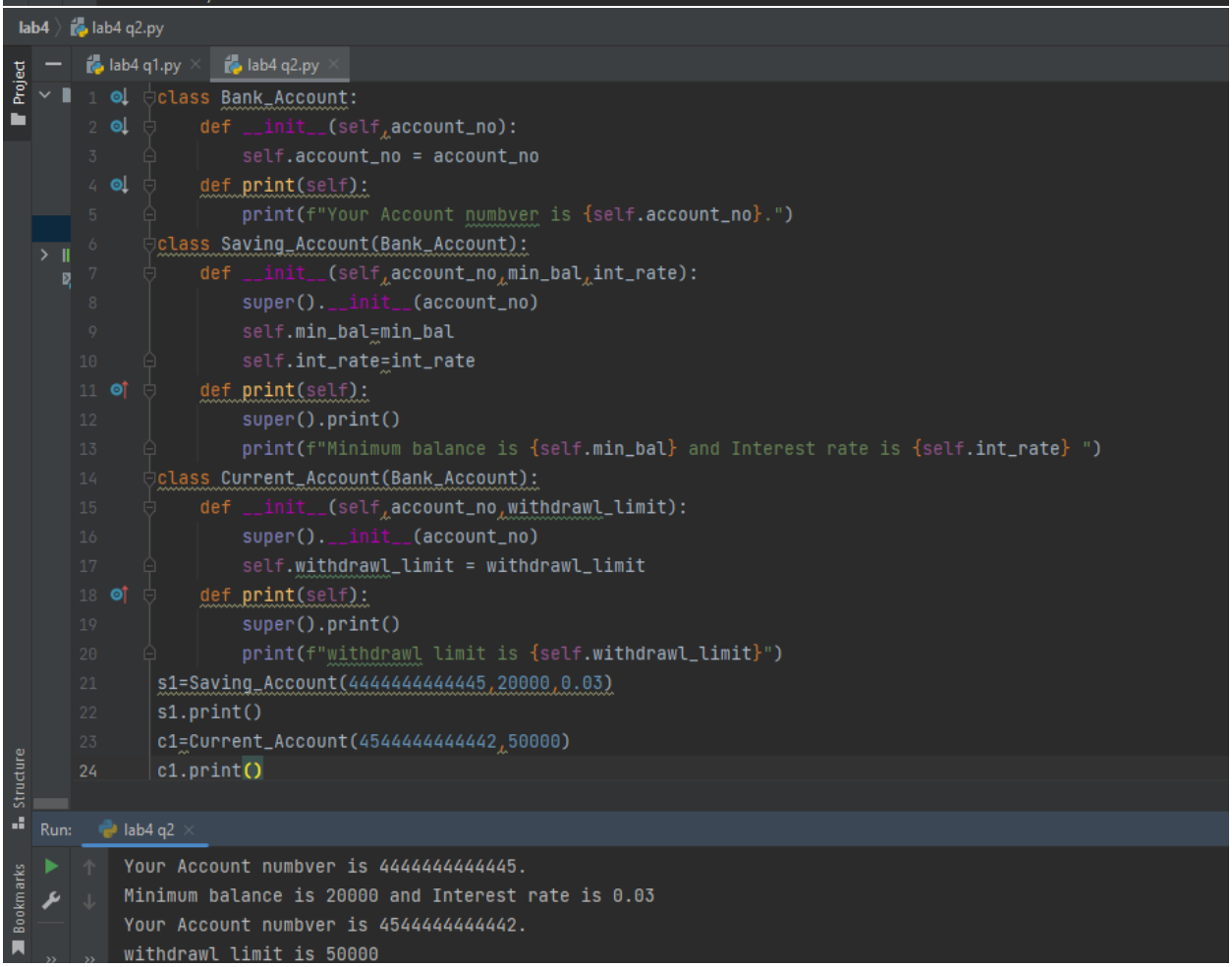
```
lab4 > lab4 q1.py

lab4 q1.py

class Person:
    def __init__(self,name):
        self.name=name
    def print(self):
        print(self.name)
class Teacher(Person):
    def __init__(self,name,course_name):
        super().__init__(name)
        self.course_name=course_name
    def print(self):
        super().print()
        print(f"The course teach by {self.name} is {self.course_name} .")
class Student(Person):
    def __init__(self,name,dept,year):
        super().__init__(name)
        self.dept=dept
        self.year=year
    def print(self):
        super().print()
        print(f"The department of {self.name} is {self.dept} .\nThe batch year of {self.name} is {self.year} .")
t1=Teacher("Fauzia Yasir","Object Oriented Programming")
t1.print()
s1=Student("Muhammad Ali Hasnain","CIS",2021)

Run: lab4 q1

Fauzia Yasir
The course teach by Fauzia Yasir is Object Oriented Programming .
Muhammad Ali Hasnain
The department of Muhammad Ali Hasnain is CIS .
The batch year of Muhammad Ali Hasnain is 2021 .
```



```
lab4 > lab4 q2.py

lab4 q1.py   lab4 q2.py

class Bank_Account:
    def __init__(self,account_no):
        self.account_no = account_no
    def print(self):
        print(f"Your Account numbver is {self.account_no}.")
class Saving_Account(Bank_Account):
    def __init__(self,account_no,min_bal,int_rate):
        super().__init__(account_no)
        self.min_bal=min_bal
        self.int_rate=int_rate
    def print(self):
        super().print()
        print(f"Minimum balance is {self.min_bal} and Interest rate is {self.int_rate} ")
class Current_Account(Bank_Account):
    def __init__(self,account_no,withdrawl_limit):
        super().__init__(account_no)
        self.withdrawl_limit = withdrawl_limit
    def print(self):
        super().print()
        print(f"withdrawl limit is {self.withdrawl_limit}")
s1=Saving_Account(4444444444445,20000,0.03)
s1.print()
c1=Current_Account(4544444444442,50000)
c1.print()

Run: lab4 q2

Your Account numbver is 4444444444445.
Minimum balance is 20000 and Interest rate is 0.03
Your Account numbver is 4544444444442.
withdrawl limit is 50000
```