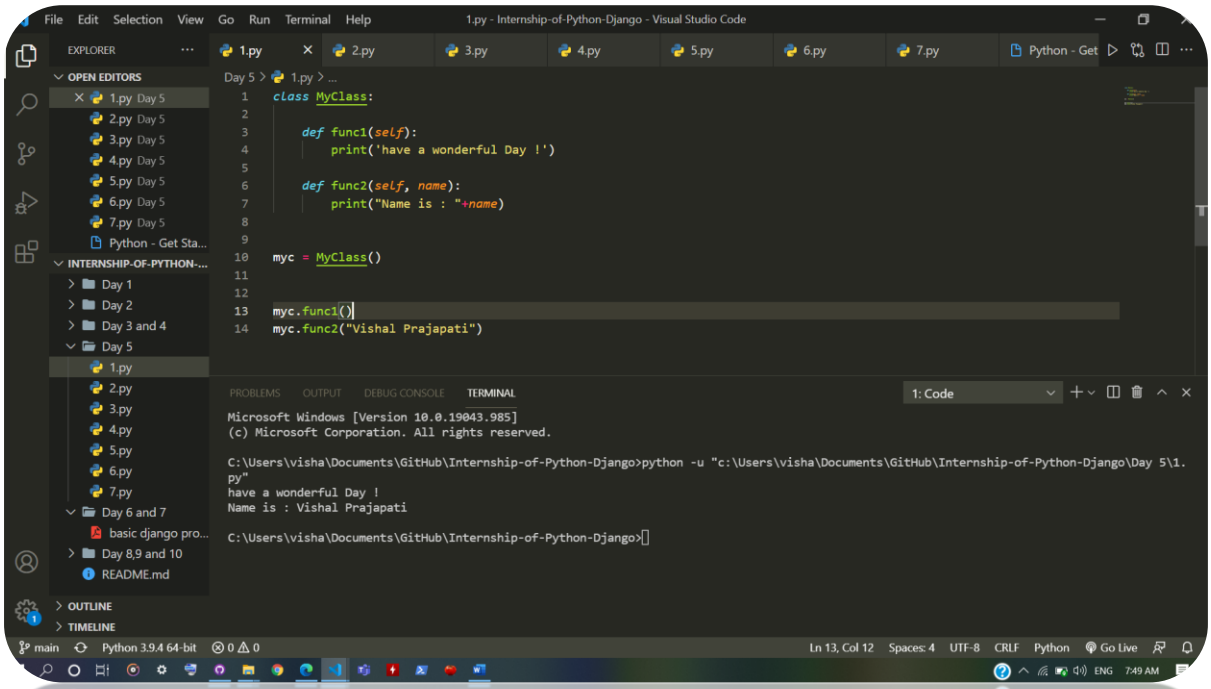
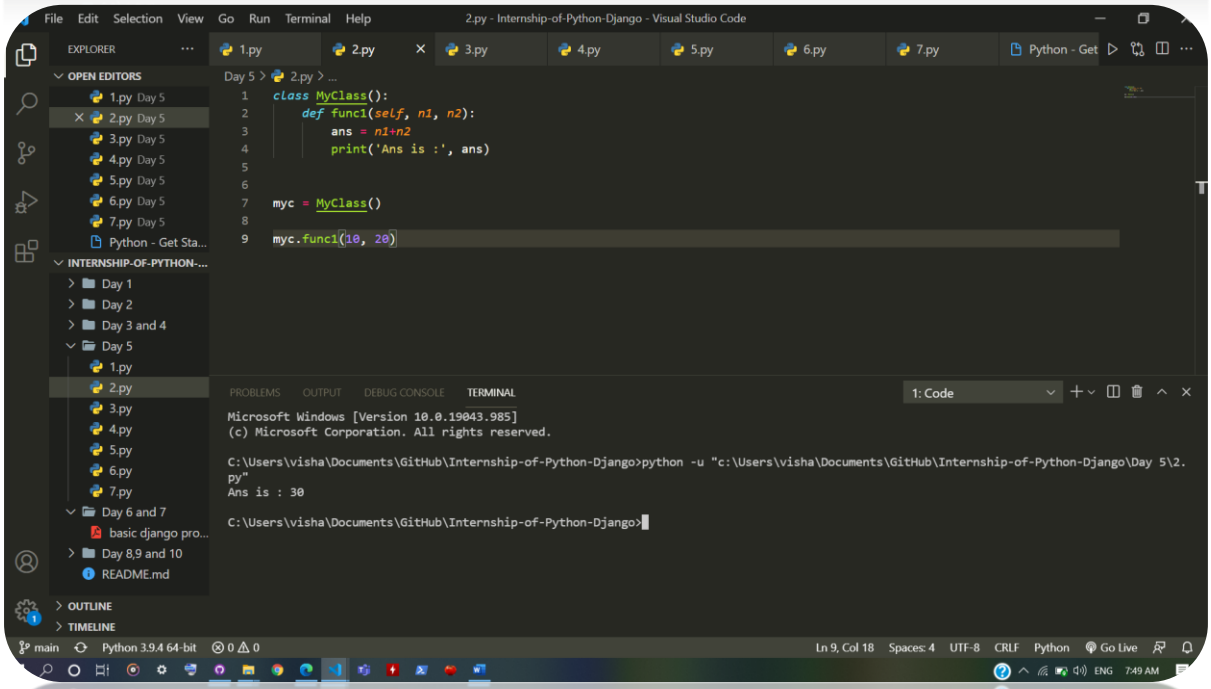
Task of day5: here is some examples of programs to understand the object oriented programming concepts in python.

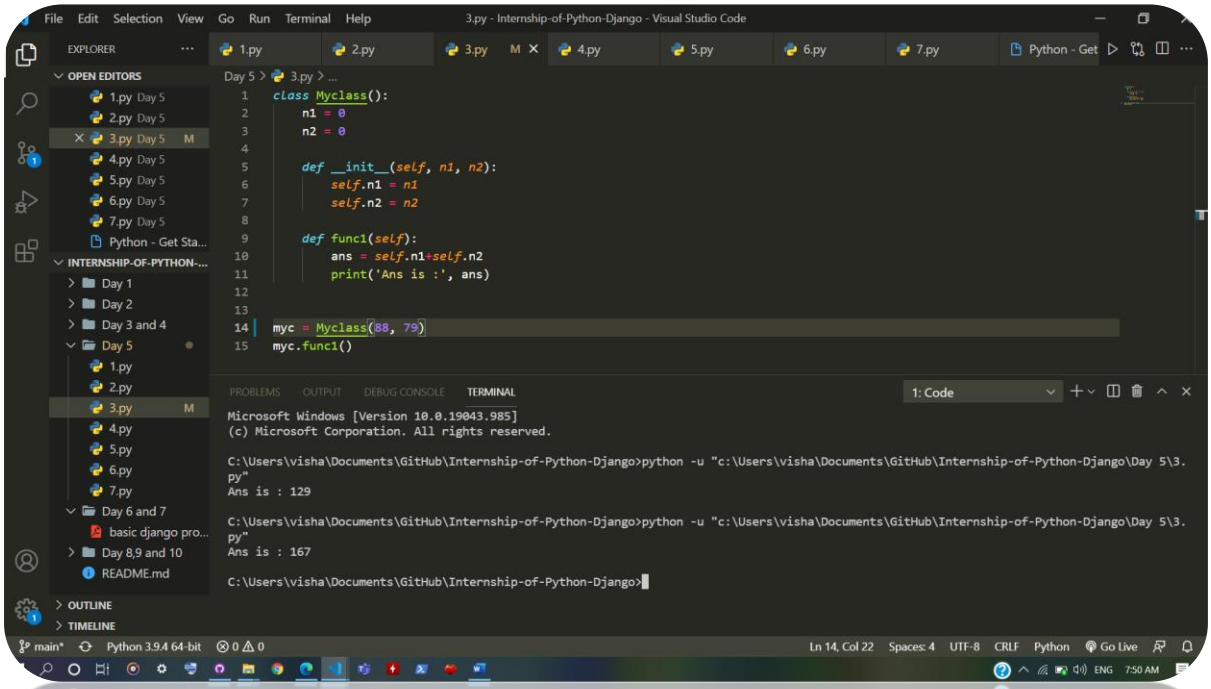
1.py:



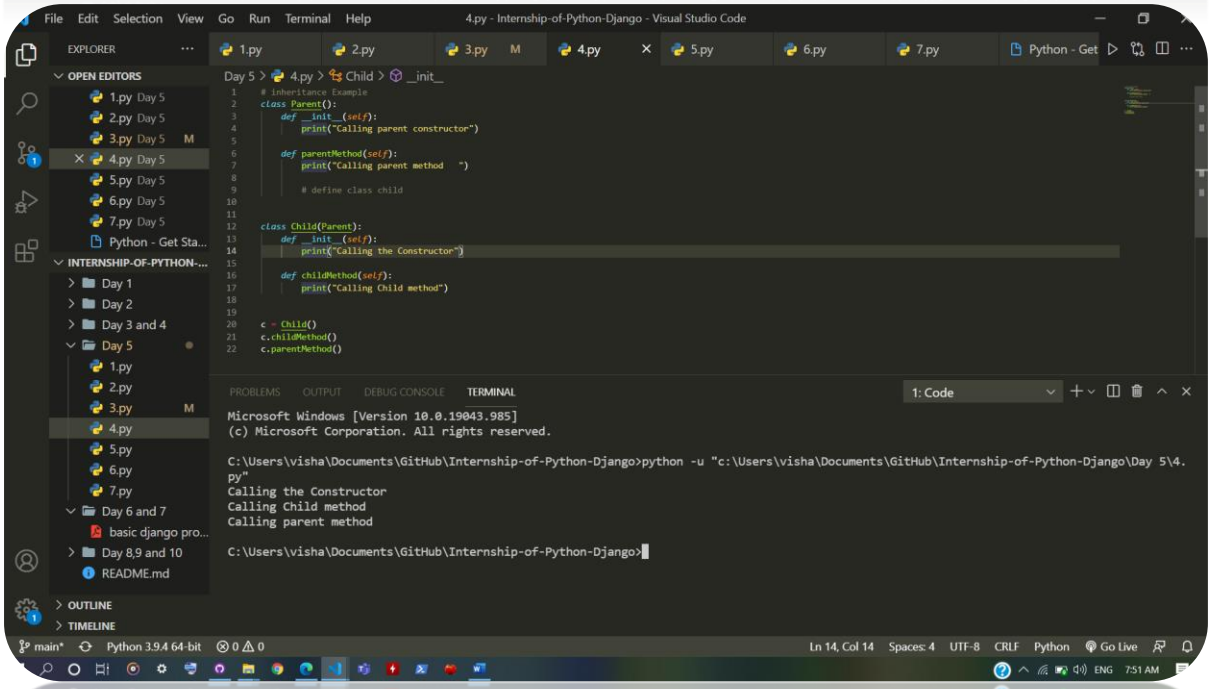
2.py:



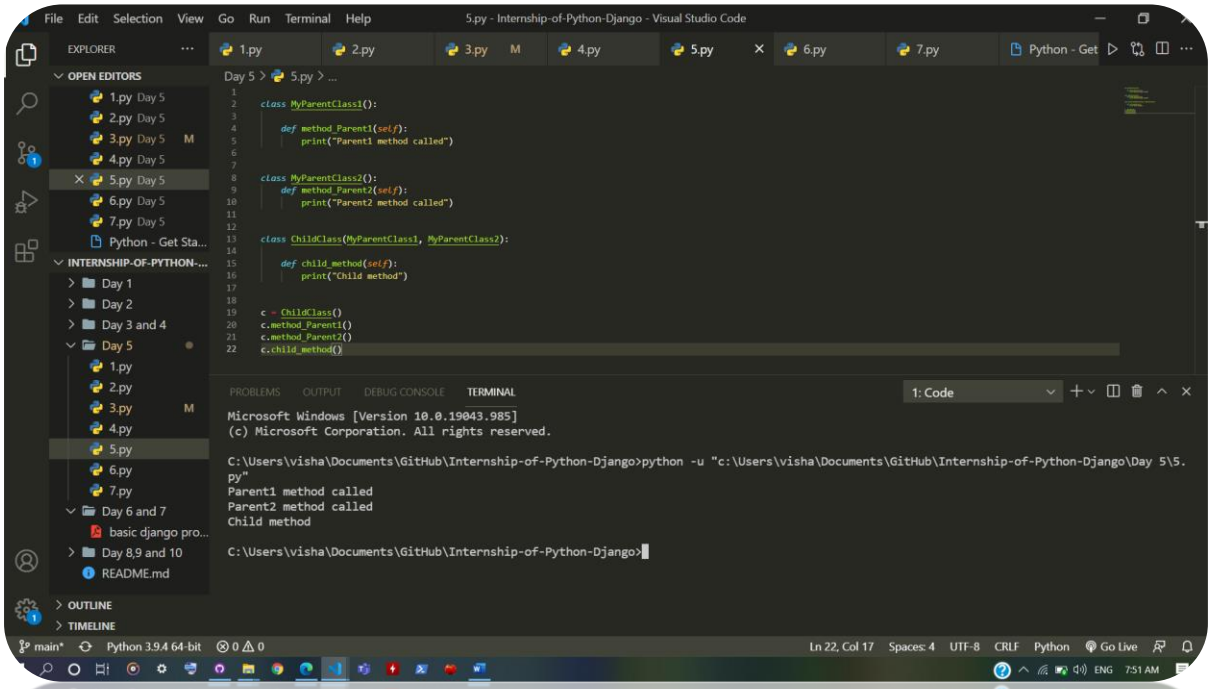
3.py:


3.py - Internship-of-Python-Django - Visual Studio Code
class Myclass():
n1 = 0
n2 = 0
def __init__(self, n1, n2):
self.n1 = n1
self.n2 = n2
def func1(self):
ans = self.n1+self.n2
print('Ans is :', ans)
myc = Myclass(88, 79)
myc.func1()
Microsoft Windows [Version 10.0.19043.985]
(c) Microsoft Corporation. All rights reserved.
C:\Users\visha\Documents\GitHub\Internship-of-Python-Django>python -u "c:\Users\visha\Documents\GitHub\Internship-of-Python-Django\Day 5\3.py"
Ans is : 129
C:\Users\visha\Documents\GitHub\Internship-of-Python-Django>python -u "c:\Users\visha\Documents\GitHub\Internship-of-Python-Django\Day 5\3.py"
Ans is : 167
C:\Users\visha\Documents\GitHub\Internship-of-Python-Django>

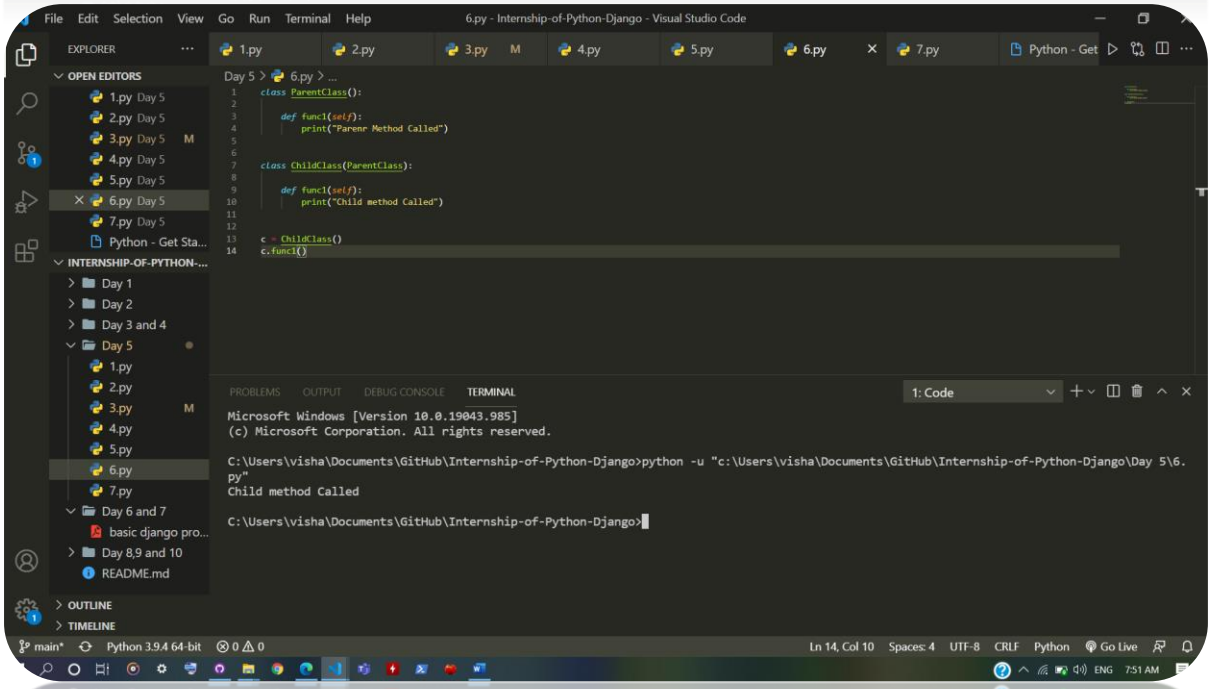
4.py:


4.py - Internship-of-Python-Django - Visual Studio Code
# Inheritance Example
class Parent():
def __init__(self):
print("Calling parent constructor")
def parentMethod(self):
print("Calling parent method ")
# define class child
class Child(Parent):
def __init__(self):
print("Calling the Constructor")
def childMethod(self):
print("Calling Child method")
c = Child()
c.childMethod()
c.parentMethod()
Microsoft Windows [Version 10.0.19043.985]
(c) Microsoft Corporation. All rights reserved.
C:\Users\visha\Documents\GitHub\Internship-of-Python-Django>python -u "c:\Users\visha\Documents\GitHub\Internship-of-Python-Django\Day 5\4.py"
Calling the Constructor
Calling Child method
Calling parent method
C:\Users\visha\Documents\GitHub\Internship-of-Python-Django>

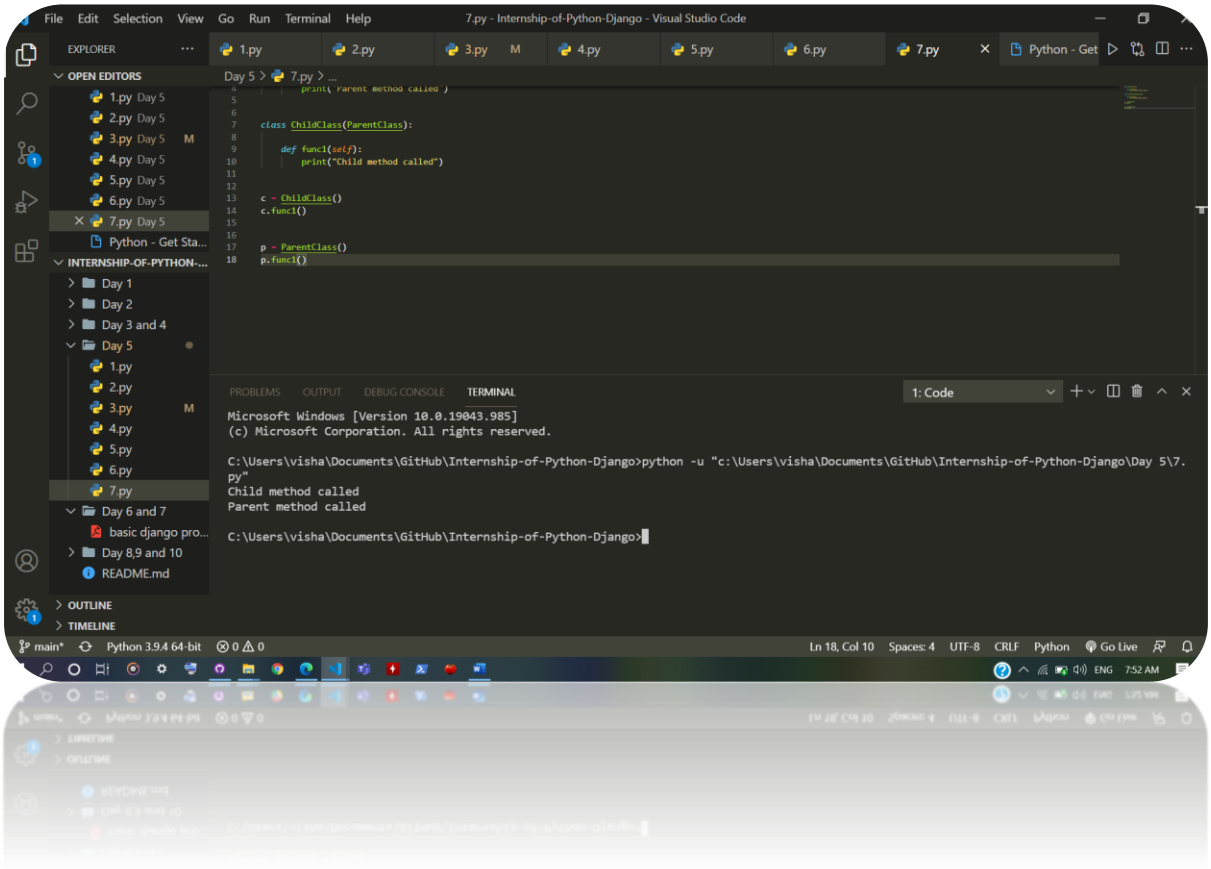
5.py:


5.py - Internship-of-Python-Django - Visual Studio Code
class MyParentClass1():
def method_Parent1(self):
print("Parent1 method called")
class MyParentClass2():
def method_Parent2(self):
print("Parent2 method called")
class ChildClass(MyParentClass1, MyParentClass2):
def child_method(self):
print("Child method")
c = ChildClass()
c.method_Parent1()
c.method_Parent2()
c.child_method()
Microsoft Windows [Version 10.0.19043.985]
(c) Microsoft Corporation. All rights reserved.
C:\Users\visha\Documents\GitHub\Internship-of-Python-Django>python -u "c:\Users\visha\Documents\GitHub\Internship-of-Python-Django\Day 5\5.py"
Parent1 method called
Parent2 method called
Child method
C:\Users\visha\Documents\GitHub\Internship-of-Python-Django>

6.py:


6.py - Internship-of-Python-Django - Visual Studio Code
class ParentClass():
def func1(self):
print("Parenr Method Called")
class ChildClass(ParentClass):
def func1(self):
print("Child method Called")
c = ChildClass()
c.func1()
Microsoft Windows [Version 10.0.19043.985]
(c) Microsoft Corporation. All rights reserved.
C:\Users\visha\Documents\GitHub\Internship-of-Python-Django>python -u "c:\Users\visha\Documents\GitHub\Internship-of-Python-Django\Day 5\6.py"
Child method Called
C:\Users\visha\Documents\GitHub\Internship-of-Python-Django>

7.py:


File Edit Selection View Go Run Terminal Help
7.py - Internship-of-Python-Django - Visual Studio Code
EXPLORER
OPEN EDITORS
1.py Day 5
2.py Day 5
3.py Day 5 M
4.py Day 5
5.py Day 5
6.py Day 5
7.py Day 5
Python - Get Sta...
INTERNSHIP-OF-PYTHON-...
Day 1
Day 2
Day 3 and 4
Day 5
1.py
2.py
3.py M
4.py
5.py
6.py
7.py
Day 6 and 7
basic django pro...
Day 8,9 and 10
README.md
OUTLINE
TIMELINE
1.py 2.py 3.py M 4.py 5.py 6.py 7.py Python - Get
Day 5 > 7.py > ...
class ChildClass(ParentClass):
def func1(self):
print("Child method called")
c = ChildClass()
c.func1()
p = ParentClass()
p.func1()
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
1: Code
Microsoft Windows [Version 10.0.19043.985]
(c) Microsoft Corporation. All rights reserved.
C:\Users\visha\Documents\GitHub\Internship-of-Python-Django>python -u "c:\Users\visha\Documents\GitHub\Internship-of-Python-Django\Day 5\7.py"
Child method called
Parent method called
C:\Users\visha\Documents\GitHub\Internship-of-Python-Django>
main* Python 3.9.4 64-bit 0 0
Ln 18, Col 10 Spaces: 4 UTF-8 CRLF Python Go Live
ENG 7:52 AM