

FileEditSelectionViewGoRunTerminalHelp

Untitled (Workspace)

lab1.pylab2.pylab3.pylab4.pylab5.pylab6.pylab7.pylab8.pylab9.py

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EXPLORER

UNTITLED (WORKSPACE)

Advanced Computer Progr...

immmWeek 2Week 3Week 4Week 5

\_\_pycache\_\_

Lab

\_\_pycache\_\_

Lab10

lab.pylab1.pylab2.pylab3.pylab4.pylab5.pylab6.pylab7.pylab8.pylab9.pytempCodeRunnerFile.py

car.py

main.py

python\_assignment\_week04\_sec2

OUTLINE

TIMELINE

lab1.py

Advanced Computer Programming > Week 5 > Lab > lab1.py > ...

1class Person:

2    def \_\_init\_\_(self, name, age):

3        self.name = name

4        self.age = age

5

6

7person = Person("Htet Arkar", 21)

8

9print(f"My name is {person.name}.")

10print(f"I am {person.age} years old.")

11

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

SERIAL MONITOR

GITLENS

COMMENTS

Code - Advanced Computer Programming

arkar@MSI MINGW64 /d/Desktop mashup/Robotics&AI Engineering/Year 2/First Semester/Advanced Computer Programming

\$ python -u "d:\Desktop mashup\Robotics&AI Engineering\Year 2\First Semester\Advanced Computer Programming\Week 5\Lab\lab1.py"

My name is Htet Arkar.

I am 21 years old.

arkar@MSI MINGW64 /d/Desktop mashup/Robotics&AI Engineering/Year 2/First Semester/Advanced Computer Programming

\$

Ln 7, Col 34

Spaces: 4

UTF-8

CRLF

Python

3.12.4 64-bit (Microsoft Store)

Go Live

Prettier

main

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Live Share

Git Graph

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2:49 PM

8/5/2024



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Untitled (Workspace)

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Advanced Computer Programming > Week 5 > Lab > lab2.py > ...

1class Person:

2    def \_\_init\_\_(self, name, age):

3        self.name = name

4        self.age = age

5

6    def greet(self):

7        print(f"Hello, my name is {self.name} and I am {self.age} years old.")

8

9

10 person = Person("Htet Arkar", 21)

11

12 person.greet()

13

PROBLEMSOUTPUTDEBUG CONSOLETERMINALPORTS SERIAL MONITORGITLENSCOMMENTS

Code - Advanced Computer Programming

arkan@MSI MINGW64 /d/Desktop mashup/Robotics&AI Engineering/Year 2/First Semester/Advanced Computer Programming

\$ python -u "d:\Desktop mashup\Robotics&AI Engineering\Year 2\First Semester\Advanced Computer Programming\Week 5\Lab\lab2.py"

• Hello, my name is Htet Arkar and I am 21 years old.

arkan@MSI MINGW64 /d/Desktop mashup/Robotics&AI Engineering/Year 2/First Semester/Advanced Computer Programming

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EXPLORER

UNTITLED (WORKSPACE)

Advanced Computer Progr...

imm

Week 2

Week 3

Week 4

Week 5

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tempCodeRunnerFile.py

car.py

main.py

python\_assignment\_week04\_sec2

OUTLINE

TIMELINE

main

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Python

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FileEditSelectionViewGoRunTerminalHelp

EXPLORER

UNTITLED (WORKSPACE)

Advanced Computer Progr...

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Week 2

Week 3

Week 4

Week 5

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tempCodeRunnerFile.py

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main.py

python\_assignment\_week04\_sec2

OUTLINE

TIMELINE

lab1.pylab2.py**lab3.py**lab4.pylab5.pylab6.pylab7.pylab8.pylab9.pyma

Advanced Computer Programming > Week 5 > Lab > lab3.py > ...

1class Person:

15def display\_info(self):

16print("My name is {self.name}.")

17print(f"I am {self.age} years old.")

18print(f"My address is {self.address}")

19print(f"My phone number is {self.phone\_number}")

20

21

22person = Person("Htet Arkar", 21, "KMITL", 617688901)

23person.display\_info()

24

25print("\n")

26

27person.update\_contact\_info("Dormitory", 259064727)

28person.display\_info()

29

PROBLEMSOUTPUTDEBUG CONSOLE**TERMINAL**PORTS SERIAL MONITORGITLENSCOMMENTS

Code - Advanced Computer Programming

arkar@MSI MINGW64 /d/Desktop mashup/Robotics&AI Engineering/Year 2/First Semester/Advanced Computer Programming

\$ python -u "d:\Desktop mashup\Robotics&AI Engineering\Year 2\First Semester\Advanced Computer Programming\Week 5\Lab\lab3.py"

My name is Htet Arkar.

I am 21 years old.

My address is KMITL

My phone number is 617688901

My name is Htet Arkar.

I am 21 years old.

My address is Dormitory

My phone number is 259064727

arkar@MSI MINGW64 /d/Desktop mashup/Robotics&AI Engineering/Year 2/First Semester/Advanced Computer Programming

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EXPLORER

UNTITLED (WORKSPACE)

Advanced Computer Progr...

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Week 2

Week 3

Week 4

Week 5

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Lab

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main.py

python\_assignment\_week04\_sec2

OUTLINE

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Advanced Computer Programming > Week 5 > Lab > lab4.py > ...

class Person:

print(f"My phone number is {self.phone\_number}")

def have\_birthday(self):

self.age += 1

print(f"Happy Birthday! You are {self.age} years old.\n")

person = Person("Htet Arkar", 17, "KMITL", 617688901)

person.display\_info()

print("\n")

person.update\_contact\_info("Dormitory", 259064727)

person.have\_birthday()

person.display\_info()

PROBLEMSOUTPUTDEBUG CONSOLETERMINALPORTS SERIAL MONITORGITLENSCOMMENTS

Code - Advanced Computer Programming

My name is Htet Arkar.  
I am 17 years old and KID.  
My address is KMITL  
My phone number is 617688901

Happy Birthday! You are 18 years old.

My name is Htet Arkar.  
I am 18 years old and ADULT.  
My address is Dormitory  
My phone number is 259064727

arkan@MSI MINGW64 /d/Desktop mashup/Robotics&AI Engineering/Year 2/First Semester/Advanced Computer Programming

main

Ln 34, Col 51

Spaces: 4

UTF-8

CRLF

Python

3.12.4 64-bit (Microsoft Store)

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Untitled (Workspace)

EXPLORER

▼ UNTITLED (WORKSPACE)

▼ Advanced Computer Progr...

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> Week 2

> Week 3

> Week 4

> Week 5

> \_\_pycache\_\_

> Lab

> \_\_pycache\_\_

> Lab10

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tempCodeRunnerFile.py

car.py

main.py

> python\_assignment\_week04\_sec2

> OUTLINE

> TIMELINE

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lab5.py > ...

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print(f"Happy Birthday! You are {self.age} years old.")

class Student(Person):

def \_\_init\_\_(self, name, age, address, phone\_number, student\_id):

super().\_\_init\_\_(name, age, address, phone\_number)

self.student\_id = student\_id

def display\_info(self):

super().display\_info()

print(f"My student ID is {self.student\_id}")

student = Student("Htet Arkar", 21, "KMITL", 617688901, 66011535)

student.display\_info()

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

SERIAL MONITOR

GITLENS

COMMENTS

Code - Advanced Computer Programming +▼

arkan@MSI MINGW64 /d/Desktop mashup/Robotics&AI Engineering/Year 2/First Semester/Advanced Computer Programming

\$ python -u "d:\Desktop mashup\Robotics&AI Engineering\Year 2\First Semester\Advanced Computer Programming\Week 5\Lab\lab5.py"

● My name is Htet Arkar.

○ I am 21 years old and ADULT.

My address is KMITL

My phone number is 617688901

My student ID is 66011535

arkan@MSI MINGW64 /d/Desktop mashup/Robotics&AI Engineering/Year 2/First Semester/Advanced Computer Programming

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Ln 38, Col 1

Spaces: 4

UTF-8

CRLF

Python

3.12.4 64-bit (Microsoft Store)

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Prettier

main

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lab1.pylab2.pylab3.pylab4.pylab5.py**lab6.py**lab7.pylab8.pylab9.pyma

Advanced Computer Programming > Week 5 > Lab > lab6.py > Student > \_\_init\_\_

29class Student(Person):

30 def \_\_init\_\_(self, name, age, address, phone\_number, student\_id):

31 self.name = name

32 self.age = age

33 self.address = address

34 self.phone\_number = phone\_number

35 self.student\_id = student\_id

36

37

38 def display\_info(self):

39 super().display\_info()

40 print(f"My student ID is {self.student\_id}")

41

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44 def greet(self):

45 print(

46 f"Hello, my name is {self.name} and I am {self.age} years old. My student ID is {self.student\_id}."

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lab1.pylab2.pylab3.pylab4.pylab5.py**lab6.py**lab7.pylab8.pylab9.pyma

Advanced Computer Programming > Week 5 > Lab > lab6.py > Student > \_\_init\_\_

29class Student(Person):

30 def \_\_init\_\_(self, name, age, address, phone\_number, student\_id):

31 self.name = name

32 self.age = age

33 self.address = address

34 self.phone\_number = phone\_number

35 self.student\_id = student\_id

36

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38 def display\_info(self):

39 super().display\_info()

40 print(f"My student ID is {self.student\_id}")

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44 def greet(self):

45 print(

46 f"Hello, my name is {self.name} and I am {self.age} years old. My student ID is {self.student\_id}."

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FileEditSelectionViewGoRunTerminalHelp

Untitled (Workspace)

lab1.pylab2.pylab3.pylab4.pylab5.pylab6.pylab7.py**lab8.py**lab9.pyma

Advanced Computer Programming > Week 5 > Lab > lab8.py > Person > is\_adult

1class Person:

27.....print(f"Happy Birthday! You are {self.age} years old.")

28

29.....def set\_salary(self, salary):

30.....self.\_\_salary = salary

31

32.....def get\_salary(self):

33.....return self.\_\_salary

34

35.....@staticmethod

36.....def is\_adult(age):

37.....return age >= 18

38

39

40print(Person.is\_adult(21))

41

PROBLEMSOUTPUTDEBUG CONSOLE**TERMINAL**PORTS SERIAL MONITORGITLENSCOMMENTS

Code - Advanced Computer Programming

arkan@MSI MINGW64 /d/Desktop mashup/Robotics&AI Engineering/Year 2/First Semester/Advanced Computer Programming  
\$ python -u "d:\Desktop mashup\Robotics&AI Engineering\Year 2\First Semester\Advanced Computer Programming\Week 5\Lab\lab8.py"  
• True  
  
arkan@MSI MINGW64 /d/Desktop mashup/Robotics&AI Engineering/Year 2/First Semester/Advanced Computer Programming  
\$

EXPLORER

UNTITLED (WORKSPACE)

Advanced Computer Progr...

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Week 2

Week 3

Week 4

Week 5

\_\_pycache\_\_

Lab

\_\_pycache\_\_

Lab10

lab.py

lab1.py

lab2.py

lab3.py

lab4.py

lab5.py

lab6.py

lab7.py

**lab8.py**

lab9.py

tempCodeRunnerFile.py

car.py

main.py

python\_assignment\_week04\_sec2

OUTLINE

TIMELINE

Ln 37, Col 25Spaces: 4UTF-8CRLFPython3.12.4 64-bit (Microsoft Store)Go LivePrettier

mainLive ShareGit GraphReconnect to Discord

2:50 PM8/5/2024











