

question5.py - Untitled (Workspace) - Visual Studio Code

File Edit Selection View Go Run Terminal Help

EXPLORER

UNTITLED (WORKSPACE)

- python
  - .vscode
  - test1.py
    - assignment.py
    - first.py
    - question1.py
    - QUESTION2.PY
    - question3.py
    - question4.py
    - question5.py
    - tempCodeRunnerFile.py
    - test.py
    - test.py.txt
- html
  - .vscode
  - hhh
  - index.html
  - ps2.html
  - ps3.html
  - test.html
  - test.jpg
  - testfinal.html

OUTLINE

TIMELINE

python > test1.py > question5.py > ...

```
1
2 import math
3
4 for i in range(0,24):
5     print('sin',str(15*i), 'is', round(math.sin(math.radians(15*i)),4) , ', cos', str(15*i), 'is',round(math.cos(math.
6         radians(15*i)),4))
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

Windows PowerShell  
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PS F:\python> python -u "f:\python\test1.py\question5.py"

```
sin 0 is 0.0 , cos 0 is 1.0
sin 15 is 0.2588 , cos 15 is 0.9659
sin 30 is 0.5 , cos 30 is 0.866
sin 45 is 0.7071 , cos 45 is 0.7071
sin 60 is 0.866 , cos 60 is 0.5
sin 75 is 0.9659 , cos 75 is 0.2588
sin 90 is 1.0 , cos 90 is 0.0
sin 105 is 0.9659 , cos 105 is -0.2588
sin 120 is 0.866 , cos 120 is -0.5
sin 135 is 0.7071 , cos 135 is -0.7071
sin 150 is 0.5 , cos 150 is -0.866
sin 165 is 0.2588 , cos 165 is -0.9659
sin 180 is 0.0 , cos 180 is -1.0
sin 195 is -0.2588 , cos 195 is -0.9659
sin 210 is -0.5 , cos 210 is -0.866
sin 225 is -0.7071 , cos 225 is -0.7071
sin 240 is -0.866 , cos 240 is -0.5
sin 255 is -0.9659 , cos 255 is -0.2588
sin 270 is -1.0 , cos 270 is 0.0
sin 285 is -0.9659 , cos 285 is 0.2588
sin 300 is -0.866 , cos 300 is 0.5
sin 315 is -0.7071 , cos 315 is 0.7071
sin 330 is -0.5 , cos 330 is 0.866
sin 345 is -0.2588 , cos 345 is 0.9659
PS F:\python>
```

Ln 6, Col 1 Spaces: 8 UTF-8 CRLF Python 3.10.4 64-bit Go Live

13:26 25-04-2022

question4.py - Untitled (Workspace) - Visual Studio Code

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EXPLORER

UNTITLED (WORKSPACE)

- python
  - .vscode
  - test1.py
    - assignment.py
    - first.py
    - question1.py
    - QUESTION2.PY
    - question3.py
    - question4.py
    - question5.py
    - tempCodeRunnerFile.py
    - test.py
  - test.py.txt
- html
  - .vscode
  - hhh
  - index.html
  - ps2.html
  - ps3.html
  - test.html
  - test.jpg
  - testfinal.html

python > test1.py > question4.py > ...

```
1
2 d= str(25+ int(float('25'))+int(25.0))
3 print((d))
4 #d=str(d)
5 print(type(d))
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

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```
PS F:\python> python -u "f:\python\test1.py\question4.py"
75
<class 'str'>
PS F:\python>
```

Ln 5, Col 15 Spaces: 4 UTF-8 CRLF Python 3.10.4 64-bit Go Live

13:23 25-04-2022

question3.py - Untitled (Workspace) - Visual Studio Code

File Edit Selection View Go Run Terminal Help

EXPLORER

- UNTITLED (WORKSPACE)
  - python
    - .vscode
    - test1.py
      - assignment.py
      - first.py
      - question1.py
      - QUESTION2.PY
      - question3.py
      - question4.py
      - question5.py
      - tempCodeRunnerFile.py
      - test.py
    - test.py.txt
  - html
    - .vscode
    - hhh
    - index.html
    - ps2.html
    - ps3.html
    - test.html
    - test.jpg
    - testfinal.html

python > test1.py > question3.py > ...

```
1 #let min represent the number of minutes and sec represent the number of seconds less than 60 and SEC represent the total number o
2 SEC= float(input("enter the total number of seconds"))
3 min= int(SEC//60)
4 sec= int(SEC%60)
5 print("time-",min, "min and",sec, "sec")
6
7
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

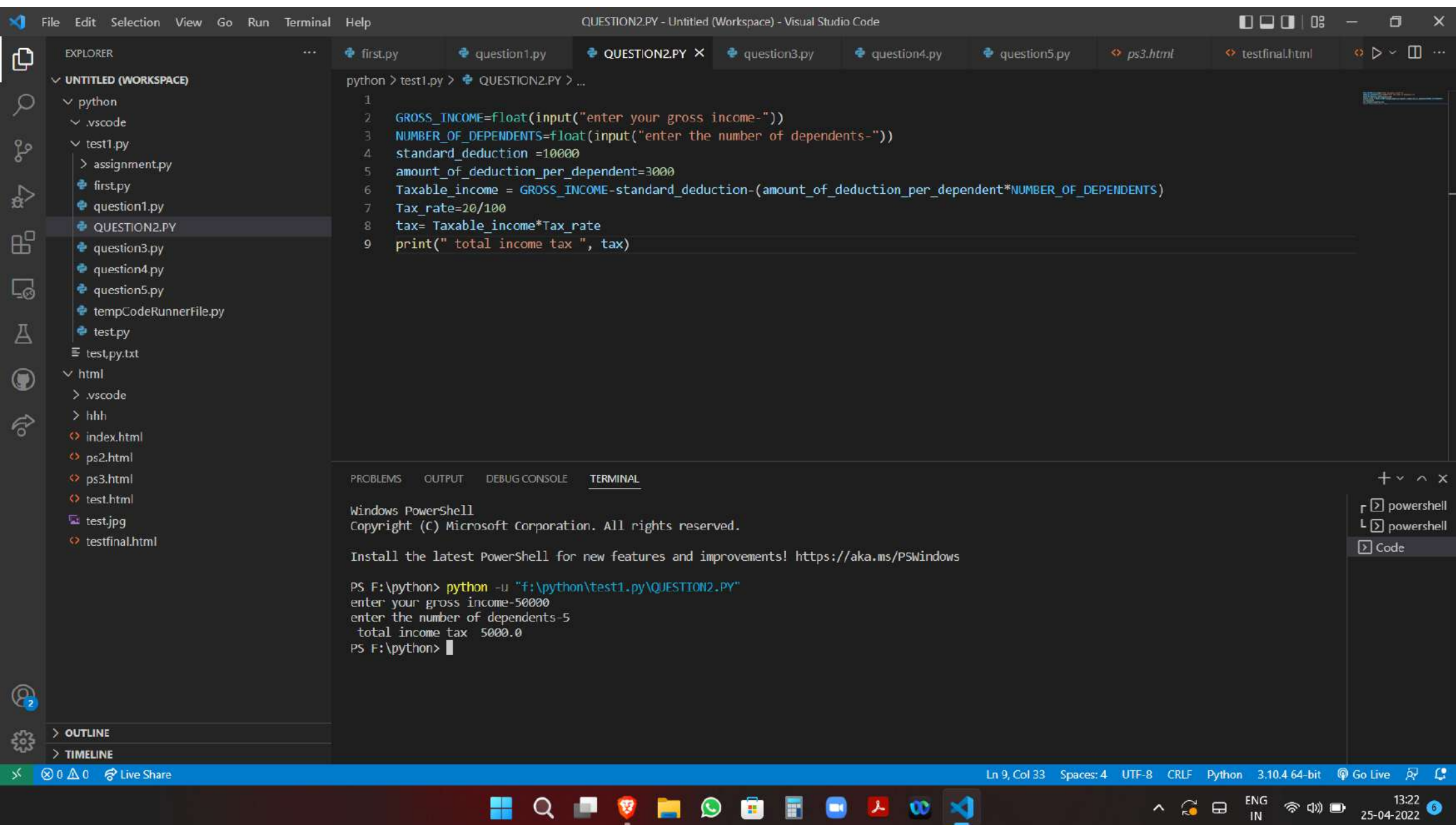
Windows PowerShell  
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PS F:\python> python -u "f:\python\test1.py\question3.py"  
enter the total number of seconds500  
time- 8 min and 20 sec  
PS F:\python> |

Ln 5, Col 34 Spaces: 4 UTF-8 CRLF Python 3.10.4 64-bit Go Live

13:23 25-04-2022





File Edit Selection View Go Run Terminal Help

question1.py - Untitled (Workspace) - Visual Studio Code

EXPLORER

UNTITLED (WORKSPACE)

python

.vscode

test1.py

assignment.py

first.py

question1.py

QUESTION2.PY

question3.py

question4.py

question5.py

tempCodeRunnerFile.py

test.py

test.py.txt

html

.vscode

hhh

index.html

ps2.html

ps3.html

test.html

test.jpg

testfinal.html

OUTLINE

TIMELINE

first.py

question1.py

QUESTION2.PY

question3.py

question4.py

question5.py

ps3.html

testfinal.html

```
python > test1.py > question1.py > ...
1 #let n1,n2,n3 be the numbers and N denote the average of the numbers
2 n1=float(input("enter the first number-"))
3 n2=float(input("enter the second number-"))
4 n3=float(input("enter the third number-"))
5 N=(n1+n2+n3)/3
6 print("average of the three numbers is -: ", N)
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

Windows PowerShell

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PS F:\python> python -u "f:\python\test1.py\question1.py"

enter the first number-30000

enter the second number-200

enter the third number-5000

average of the three numbers is -: 11733.333333333334

PS F:\python> python -u "f:\python\test1.py\question1.py"

enter the first number-

Ln 6, Col 48

Spaces: 4

UTF-8

CRLF

Python

3.10.4 64-bit

Go Live

Windows Taskbar

13:21

25-04-2022