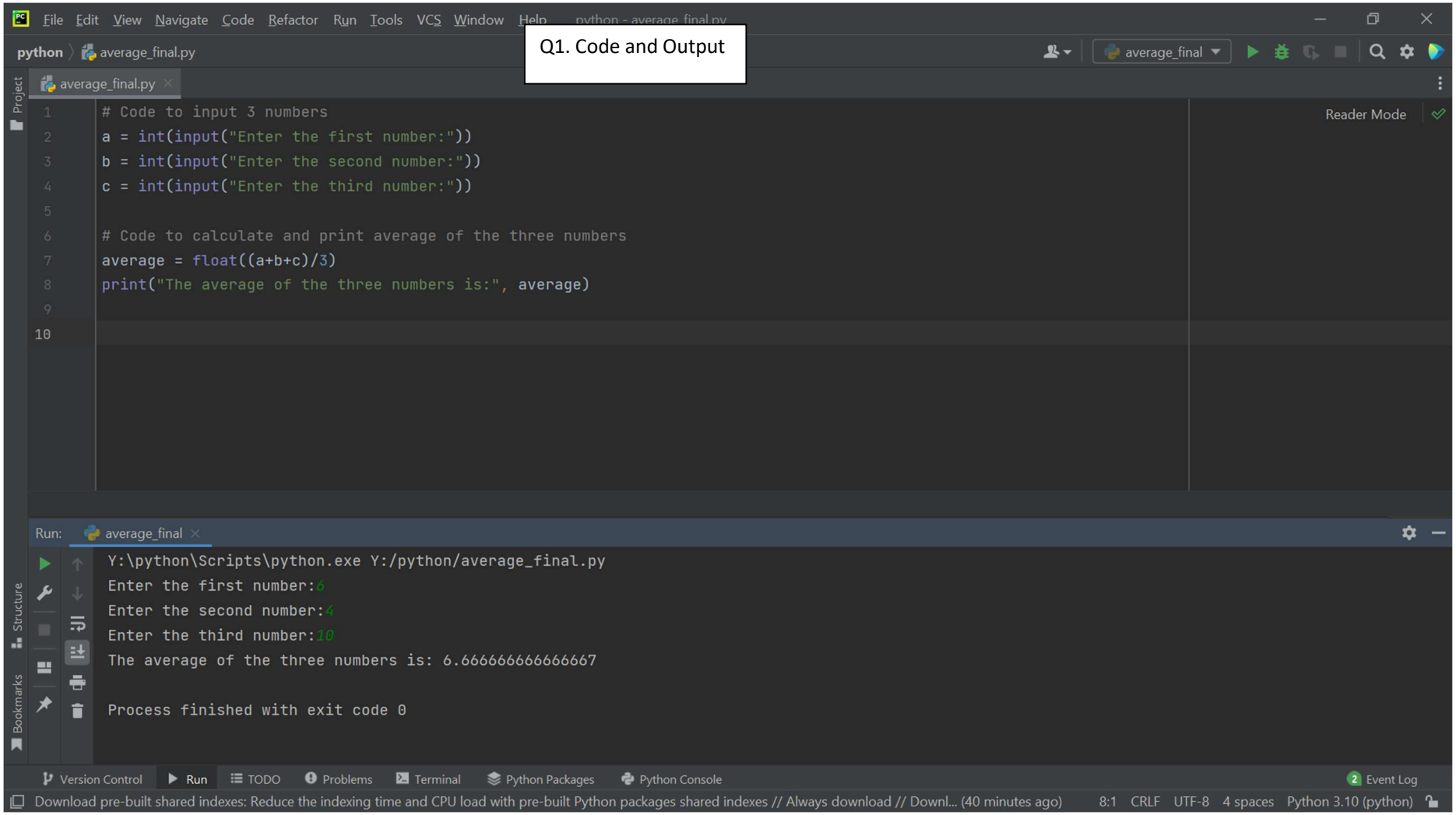
Q1. Code and Output
File Edit View Navigate Code Refactor Run Tools VCS Window Help
python - average_final.py
python
average_final.py
average_final
average_final.py
Reader Mode
# Code to input 3 numbers
a = int(input("Enter the first number:"))
b = int(input("Enter the second number:"))
c = int(input("Enter the third number:"))
# Code to calculate and print average of the three numbers
average = float((a+b+c)/3)
print("The average of the three numbers is:", average)
Run:
average_final
Y:\python\Scripts\python.exe Y:/python/average_final.py
Enter the first number:6
Enter the second number:4
Enter the third number:10
The average of the three numbers is: 6.666666666666667
Process finished with exit code 0
Version Control
Run
TODO
Problems
Terminal
Python Packages
Python Console
Event Log
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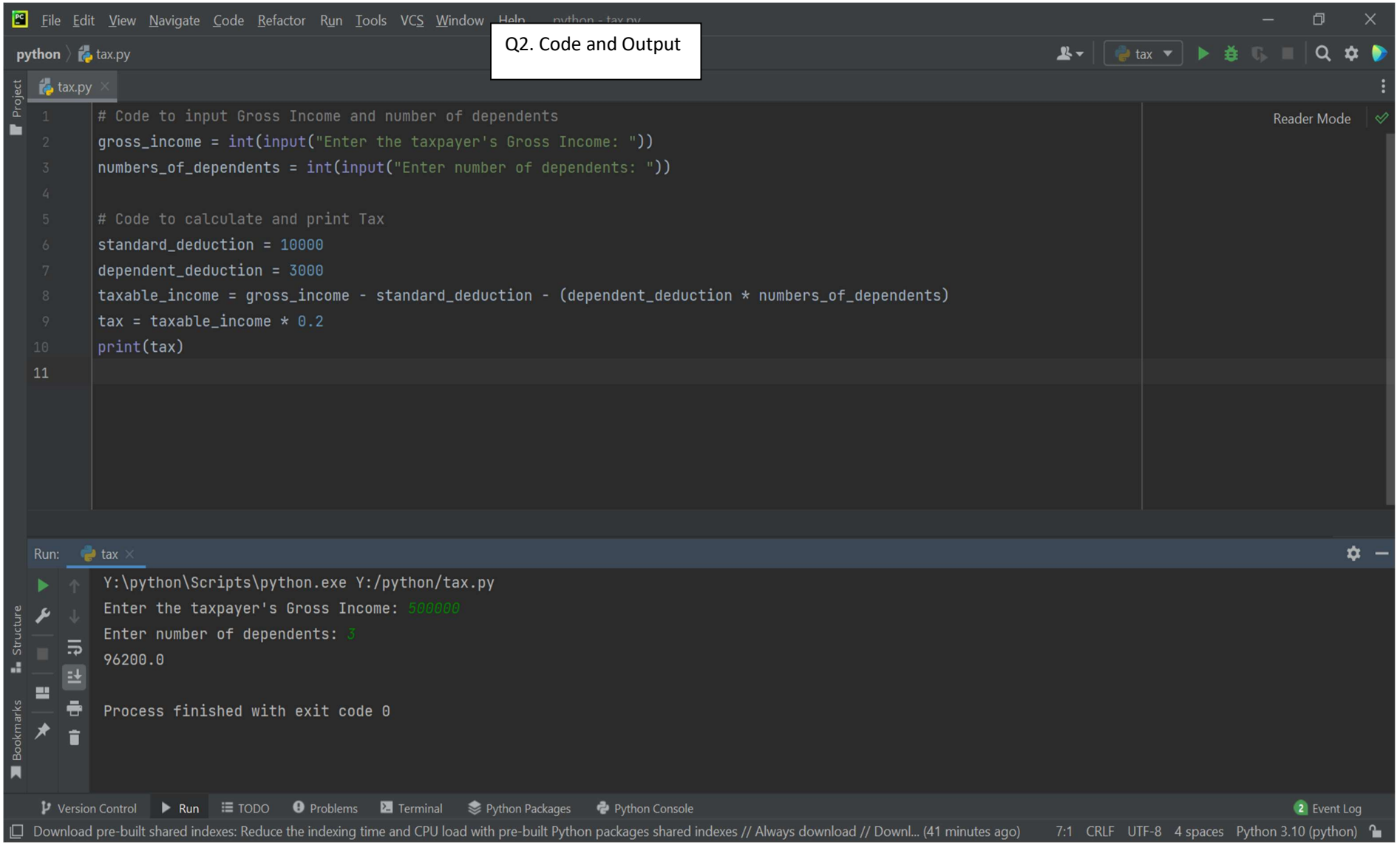
8:1
CRLF
UTF-8
4 spaces
Python 3.10 (python)


File Edit View Navigate Code Refactor Run Tools VCS Window Help
python - tax.py
Q2. Code and Output
python tax.py
tax
tax.py
Project
Reader Mode
1 # Code to input Gross Income and number of dependents
2 gross_income = int(input("Enter the taxpayer's Gross Income: "))
3 numbers_of_dependents = int(input("Enter number of dependents: "))
4
5 # Code to calculate and print Tax
6 standard_deduction = 10000
7 dependent_deduction = 3000
8 taxable_income = gross_income - standard_deduction - (dependent_deduction * numbers_of_dependents)
9 tax = taxable_income * 0.2
10 print(tax)
11
Run: tax
Y:\python\Scripts\python.exe Y:/python/tax.py
Enter the taxpayer's Gross Income: 500000
Enter number of dependents: 3
96200.0
Process finished with exit code 0
Structure
Bookmarks
Version Control
Run
TODO
Problems
Terminal
Python Packages
Python Console
Event Log
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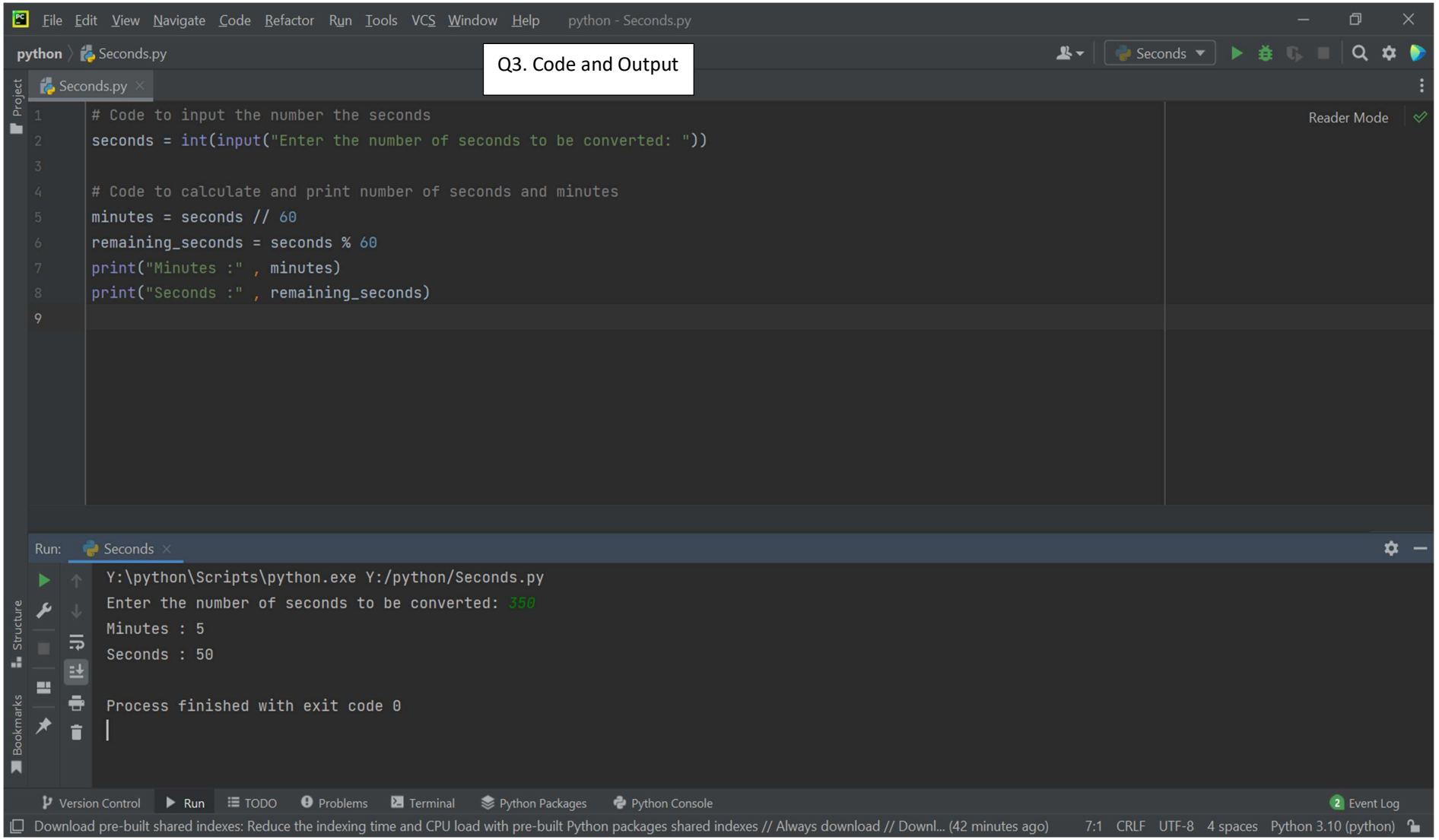
7:1 CRLF UTF-8 4 spaces Python 3.10 (python)


File Edit View Navigate Code Refactor Run Tools VCS Window Help
python - Seconds.py
python
Seconds.py
Seconds
Q3. Code and Output
Seconds.py
Reader Mode
# Code to input the number the seconds
seconds = int(input("Enter the number of seconds to be converted: "))
# Code to calculate and print number of seconds and minutes
minutes = seconds // 60
remaining_seconds = seconds % 60
print("Minutes :" , minutes)
print("Seconds :" , remaining_seconds)
Run:
Seconds
Y:\python\Scripts\python.exe Y:/python/Seconds.py
Enter the number of seconds to be converted: 350
Minutes : 5
Seconds : 50
Process finished with exit code 0
Version Control
Run
TODO
Problems
Terminal
Python Packages
Python Console
Event Log
Download pre-built shared indexes: Reduce the indexing time and CPU load with pre-built Python packages shared indexes // Always download // Downl... (42 minutes ago)
7:1
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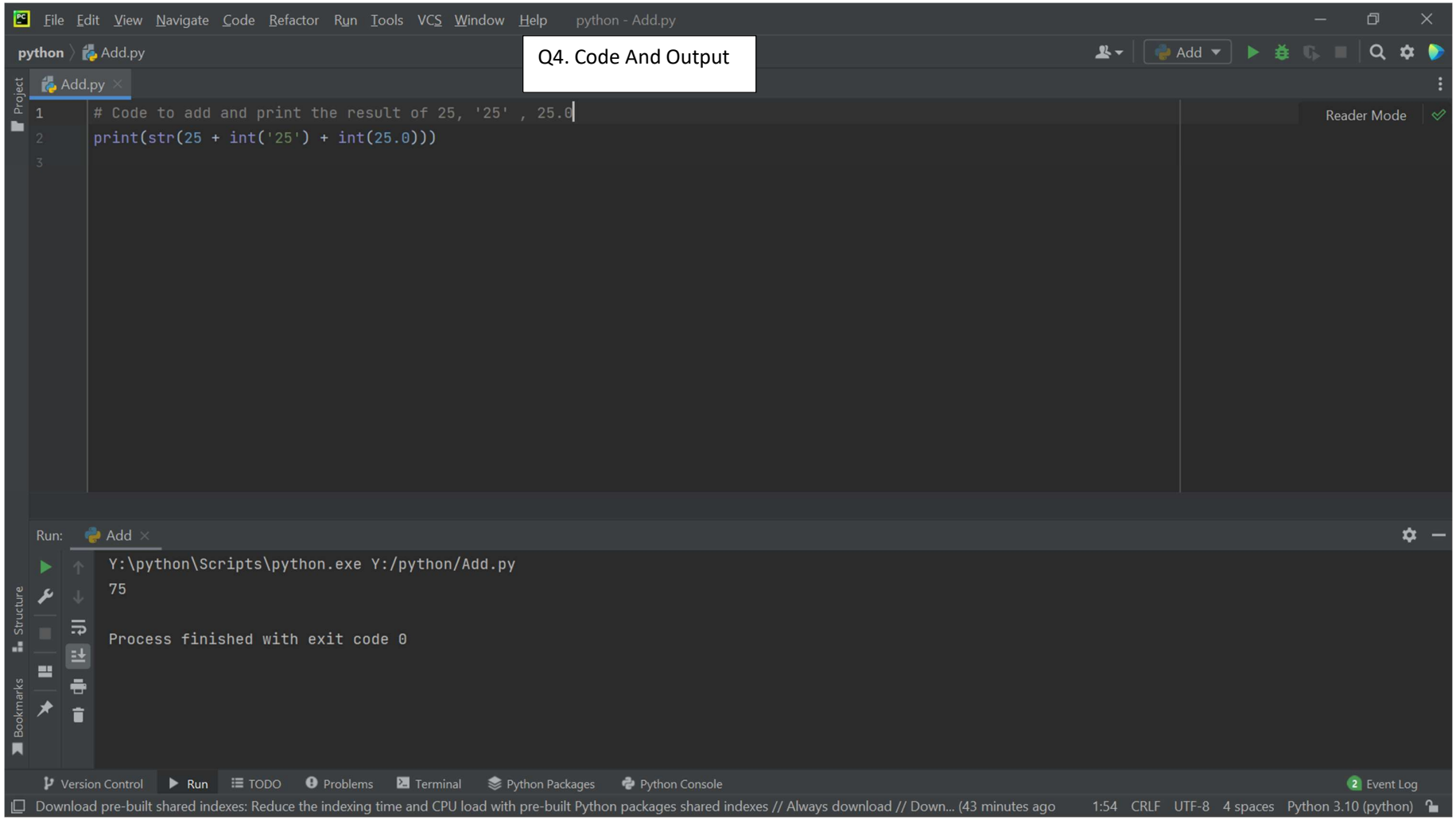
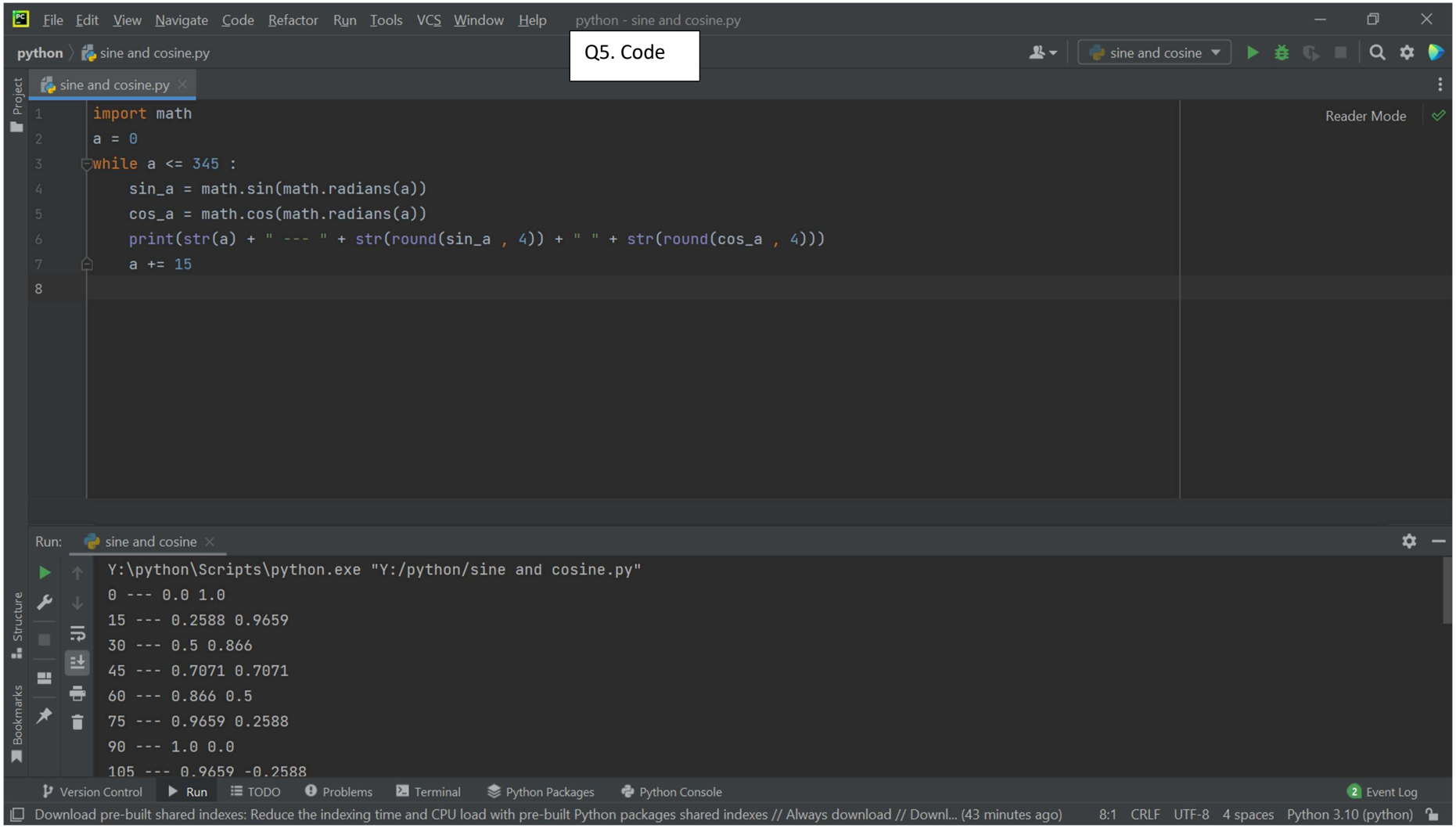
UTF-8
4 spaces
Python 3.10 (python)


File Edit View Navigate Code Refactor Run Tools VCS Window Help python - Add.py
python Add.py
Add
Q4. Code And Output
Add.py
1 # Code to add and print the result of 25, '25' , 25.0
2 print(str(25 + int('25') + int(25.0)))
3
Reader Mode
Run: Add
Y:\python\Scripts\python.exe Y:/python/Add.py
75
Process finished with exit code 0
Version Control Run TODO Problems Terminal Python Packages Python Console Event Log
Download pre-built shared indexes: Reduce the indexing time and CPU load with pre-built Python packages shared indexes // Always download // Down... (43 minutes ago 1:54 CRLF UTF-8 4 spaces Python 3.10 (python)


File Edit View Navigate Code Refactor Run Tools VCS Window Help
python - sine and cosine.py
Q5. Code
python
sine and cosine.py
sine and cosine
sine and cosine.py
Reader Mode
1 import math
2 a = 0
3 while a <= 345 :
4 sin_a = math.sin(math.radians(a))
5 cos_a = math.cos(math.radians(a))
6 print(str(a) + " --- " + str(round(sin_a , 4)) + " " + str(round(cos_a , 4)))
7 a += 15
8
Run:
sine and cosine
Y:\python\Scripts\python.exe "Y:/python/sine and cosine.py"
0 --- 0.0 1.0
15 --- 0.2588 0.9659
30 --- 0.5 0.866
45 --- 0.7071 0.7071
60 --- 0.866 0.5
75 --- 0.9659 0.2588
90 --- 1.0 0.0
105 --- 0.9659 -0.2588
Version Control
Run
TODO
Problems
Terminal
Python Packages
Python Console
Event Log
Download pre-built shared indexes: Reduce the indexing time and CPU load with pre-built Python packages shared indexes // Always download // Downl... (43 minutes ago)
8:1
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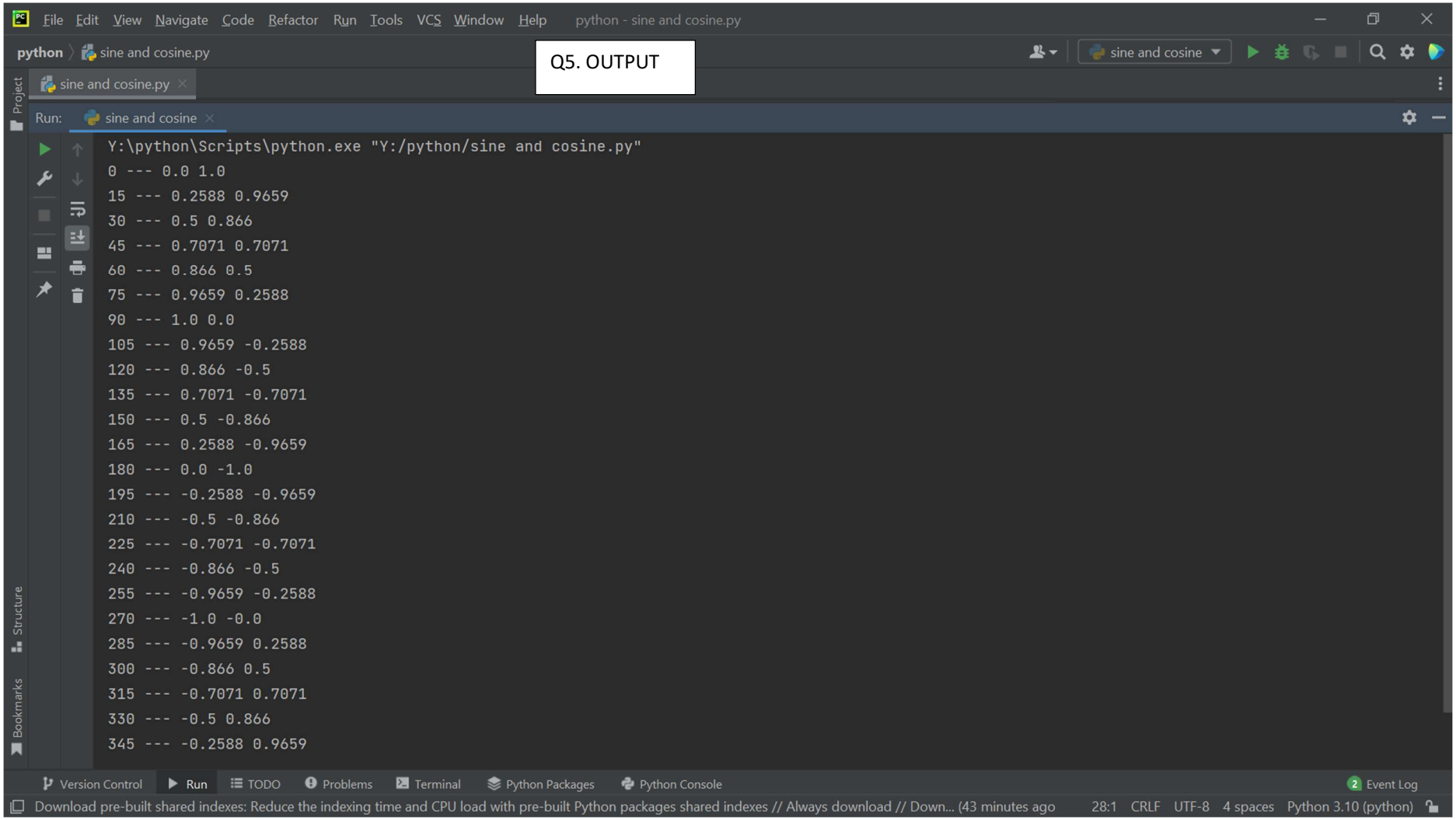
UTF-8
4 spaces
Python 3.10 (python)


File Edit View Navigate Code Refactor Run Tools VCS Window Help
python - sine and cosine.py
python
sine and cosine.py
sine and cosine
Q5. OUTPUT
sine and cosine.py
Run:
sine and cosine
Y:\python\Scripts\python.exe "Y:/python/sine and cosine.py"
0 --- 0.0 1.0
15 --- 0.2588 0.9659
30 --- 0.5 0.866
45 --- 0.7071 0.7071
60 --- 0.866 0.5
75 --- 0.9659 0.2588
90 --- 1.0 0.0
105 --- 0.9659 -0.2588
120 --- 0.866 -0.5
135 --- 0.7071 -0.7071
150 --- 0.5 -0.866
165 --- 0.2588 -0.9659
180 --- 0.0 -1.0
195 --- -0.2588 -0.9659
210 --- -0.5 -0.866
225 --- -0.7071 -0.7071
240 --- -0.866 -0.5
255 --- -0.9659 -0.2588
270 --- -1.0 -0.0
285 --- -0.9659 0.2588
300 --- -0.866 0.5
315 --- -0.7071 0.7071
330 --- -0.5 0.866
345 --- -0.2588 0.9659
Project
Structure
Bookmarks
Version Control
Run
TODO
Problems
Terminal
Python Packages
Python Console
Event Log
Download pre-built shared indexes: Reduce the indexing time and CPU load with pre-built Python packages shared indexes // Always download // Down... (43 minutes ago
28:1
CRLF
UTF-8
4 spaces
Python 3.10 (python)