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Q1.py - C:\Users\HP\Desktop\Q1.py (3.10.0)
File Edit Format Run Options Window Help
# Question 1
num1=int(input('Enter 1st number : '))
num2=int(input('Enter 2nd number : '))
num3=int(input('Enter 3rd number : '))
print('Average of the numbers is : ',(num1+num2+num3)/3)
```

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IDLE Shell 3.10.0
File Edit Shell Debug Options Window Help
Python 3.10.0 (tags/v3.10.0:b494f59, Oct 4 2021, 19:00:18) [MSC v.1929
64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:\Users\HP\Desktop\Q1.py =====
Enter 1st number : 1234
Enter 2nd number : 12465
Enter 3rd number : 8756
Average of the numbers is : 7485.0
>>>
===== RESTART: C:\Users\HP\Desktop\Q1.py =====
Enter 1st number : 3
Enter 2nd number : 8
Enter 3rd number : 2
Average of the numbers is : 4.333333333333333
>>>
===== RESTART: C:\Users\HP\Desktop\Q1.py =====
Enter 1st number : 9345
Enter 2nd number : 182
Enter 3rd number : 48
Average of the numbers is : 3191.6666666666665
>>> |
```

Ln: 6 Col: 56

Ln: 21 Col: 0

```
Q2.py - C:\Users\HP\Desktop\Q2.py (3.10.0)
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# Question 2

gross_income = int(input("Enter gross income to the nearest penny : "))
n_dependents = int(input("Enter number of dependents : "))
stdnrd_deduction = 10000
taxable_income = gross_income - stdnrd_deduction - (n_dependents*3000)
tax = taxable_income*(1/5)
print('Tax is :',tax)
```

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>>>
===== RESTART: C:\Users\HP\Desktop\Q2.py =====
Enter gross income to the nearest penny : 100000
Enter number of dependents : 3
Tax is : 16200.0
>>>
===== RESTART: C:\Users\HP\Desktop\Q2.py =====
Enter gross income to the nearest penny : 40020
Enter number of dependents : 2
Tax is : 4804.0
>>>
===== RESTART: C:\Users\HP\Desktop\Q2.py =====
Enter gross income to the nearest penny : 19000
Enter number of dependents : 3
Tax is : 0.0
>>> |
```

Ln: 8 Col: 21

Ln: 18 Col: 0

```
Q3.py - C:\Users\HP\Desktop\Q3.py (3.10.0)
File Edit Format Run Options Window Help
# Question 3

n_second = int(input("Enter number of seconds : "))
min = n_second // 60
sec = n_second % 60
print(n_second, 'seconds is equal to', min, 'minutes and', sec, 'seconds')
```

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>>>
===== RESTART: C:\Users\HP\Desktop\Q3.py =====
Enter number of seconds : 200
200 seconds is equal to 3 minutes and 20 seconds
>>>
===== RESTART: C:\Users\HP\Desktop\Q3.py =====
Enter number of seconds : 300
300 seconds is equal to 5 minutes and 0 seconds
>>>
===== RESTART: C:\Users\HP\Desktop\Q3.py =====
Enter number of seconds : 9827346
9827346 seconds is equal to 163789 minutes and 6 seconds
>>>
===== RESTART: C:\Users\HP\Desktop\Q3.py =====
Enter number of seconds : 0
0 seconds is equal to 0 minutes and 0 seconds
>>>
```

Ln: 6 Col: 69

Ln: 19 Col: 0

Q4.py - C:\Users\HP\Desktop\Q4.py (3.10.0)

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Question 4

print(str(int(25+int('25')+25.0)))

Ln: 3 Col: 34

IDLE Shell 3.10.0

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>>>
===== RESTART: C:\Users\HP\Desktop\Q4.py =====
75
>>>

Ln: 6 Col: 0

```
Q5.py - C:\Users\HP\Desktop\Q5.py (3.10.0)
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# Question 5

import math as mt
for angle in range(0,360,15):
    rad = mt.radians(angle)      # changing angle to radians as sin and cos functions take input in radians
    print(angle, '---', round(mt.sin(rad),4), round(mt.cos(rad),4))      # rounding off values to 4 decimal digits
```

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IDLE Shell 3.10.0
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Python 3.10.0 (tags/v3.10.0:b494f59, Oct 4 2021, 19:00:18) [MSC v.1929 64 bit (AMD64)] on win32
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>>>
===== RESTART: C:\Users\HP\Desktop\Q5.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

>>>
```