```
# Write a Python program to find average of three numbers entered by
the user.

n1 = float(input("Write any floating point number here: "))
n2 = float(input("Write any floating point number here: "))
n3 = float(input("Write any floating point number here: "))
Sum = n1+n2+n3
Avg = Sum/3.0
print(round(Avg,2))
```

```
Write any floating point number here: 12.345
Write any floating point number here: 12.346
Write any floating point number here: 12.347
12.35
```

```
#Write a python program to compute a person's income tax. Assume
following
#tax laws:
#• All taxpayers are charged a flat tax rate of 20%.
#• All taxpayers are allowed a $10,000 standard deduction.
#• For each dependent, a taxpayer is allowed an additional $3,000
deduction.
#• Gross income must be entered to the nearest penny.
#Gross Income and the number of dependents must be asked from the
user.

rate = 0.20
Gross_Income = float(input("Write your gross income in $ to the
nearest penny: "))
stnd_deduction = 10000
Taxable_income = Gross_Income - stnd_deduction
Num_of_Dependents = int(input("Write the number of Dependents here:"))
Taxable_income = Taxable_income - (Num_of_Dependents)*3000
Tax = (Taxable_income) * rate
print("Your amount of tax is $" + str(round(Tax,2)))
```

```
Write your gross income in $ to the nearest penny: 4570000
Write the number of Dependents here:6
Your amount of tax is $908400.0
```

```
## Write a program that asks the user for a number of seconds and
prints out how many minutes and seconds that is.
#For instance, 200 seconds is 3 minutes and 20 seconds. [Hint: Use the
//operator to get minutes and the %
#operator to get seconds.

num_of_sec = int(input("Write the total no. of seconds here: "))
minutes = (num_of_sec)//60
seconds_left = (num_of_sec)%60
print("This is equal to " + str(minutes) + " Minutes and",
str(seconds_left) + " Seconds")
```

```
Write the total no. of seconds here: 200
This is equal to 3 Minutes and 20 Seconds
```

```
# Write a python program to add three numbers 25+'25'+25.0 and produce
result 75 as string.

num_1 = int(input("Write any integer here:"))
num_2 = float(input("Write any integer here:"))
num_3 = str(input("Write any integer here:"))
a = num_1
b = int(num_2)
c = int(num_3)
Sum = a+b+c
print("Their sum is : " + str(Sum))
```

```
Write any integer here:25
Write any integer here:25
Write any integer here:25
Their sum is : 75
```

```
#Write a program that prints out the sine and cosine of the angles
ranging from 0 to 345◦ in 15◦ increments.
#Each result should be rounded to 4 decimal places. Sample output is
shown.

import math as math

angle = 0
while angle < 360:
    rad = angle * math.pi / 180
    print('angle: ' + str(angle) + '     sin: ' +
str(round(math.sin(rad),4)) + '        cos: ' +
str(round(math.cos(rad),4)))
    angle += 15
```

```
angle: 0     sin: 0.0        cos: 1.0
angle: 15     sin: 0.2588        cos: 0.9659
angle: 30     sin: 0.5        cos: 0.866
angle: 45     sin: 0.7071        cos: 0.7071
angle: 60     sin: 0.866        cos: 0.5
angle: 75     sin: 0.9659        cos: 0.2588
angle: 90     sin: 1.0        cos: 0.0
angle: 105     sin: 0.9659        cos: -0.2588
angle: 120     sin: 0.866        cos: -0.5
angle: 135     sin: 0.7071        cos: -0.7071
angle: 150     sin: 0.5        cos: -0.866
angle: 165     sin: 0.2588        cos: -0.9659
angle: 180     sin: 0.0        cos: -1.0
angle: 195     sin: -0.2588        cos: -0.9659
angle: 210     sin: -0.5        cos: -0.866
angle: 225     sin: -0.7071        cos: -0.7071
```

```
angle: 240     sin: -0.866        cos: -0.5
angle: 255     sin: -0.9659        cos: -0.2588
angle: 270     sin: -1.0        cos: -0.0
angle: 285     sin: -0.9659        cos: 0.2588
angle: 300     sin: -0.866        cos: 0.5
angle: 315     sin: -0.7071        cos: 0.7071
angle: 330     sin: -0.5        cos: 0.866
angle: 345     sin: -0.2588        cos: 0.9659
```