

```
Answer1:
x1=int(input("Enter the first number"))
x2=int(input("Enter the second number"))
x3=int(input("Enter the third number"))
r=(x1+x2+x3)/3
r=int(r)
print("The average value is:",r)
```

```
Enter the first number25
Enter the second number31
Enter the third number37
The average value is: 31
PS C:\Users\pulki\.ipython\extensions>
```

```
Answer 2:
y1=int(input("Enter the gross income:"))
y2=int(input("Enter the number of dependents:"))
rate=0.20
std_ded=10000
dep_ded=3000
taxable_income=y1-std_ded-dep_ded*y2
tax=taxable_income*rate
print("The tax is:", tax)
```

```
Enter the gross income:500000
Enter the number of dependents:3
The tax is: 96200.0
PS C:\Users\pulki\.ipython\extensions>
```

```
Answer 3:
n=int(input("Enter the number of seconds"))
min=n//60
sec=n%60
print(min," minutes and",sec," seconds")
```

```
Enter the number of seconds475
7 minutes and 55 seconds
PS C:\Users\pulki\.ipython\extensions>
```

```
Answer 4:
n=int(input("Enter the number of seconds"))
min=n//60
sec=n%60
print(min," minutes and",sec," seconds")
```

```
The output is 75
<class 'str'>
PS C:\Users\pulki\.ipython\extensions>
```

Answer 5:

```
from math import pi,sin,cos
deg=0
y=0
z=0
```

```
for deg in range(0,346,15):
    rad= deg*(pi/180)
    y=round(sin(rad),4)
    z=round(cos(rad),4)
    print("sin",deg,"=",y,"and cos",deg,"=",z)
```

```
sin 0 = 0.0 and cos 0 = 1.0
sin 15 = 0.2588 and cos 15 = 0.9659
sin 30 = 0.5 and cos 30 = 0.866
sin 45 = 0.7071 and cos 45 = 0.7071
sin 60 = 0.866 and cos 60 = 0.5
sin 75 = 0.9659 and cos 75 = 0.2588
sin 90 = 1.0 and cos 90 = 0.0
sin 105 = 0.9659 and cos 105 = -0.2588
sin 120 = 0.866 and cos 120 = -0.5
sin 135 = 0.7071 and cos 135 = -0.7071
sin 150 = 0.5 and cos 150 = -0.866
sin 180 = 0.0 and cos 180 = -1.0
sin 195 = -0.2588 and cos 195 = -0.9659
sin 210 = -0.5 and cos 210 = -0.866
sin 225 = -0.7071 and cos 225 = -0.7071
sin 240 = -0.866 and cos 240 = -0.5
sin 255 = -0.9659 and cos 255 = -0.2588
sin 270 = -1.0 and cos 270 = -0.0
sin 285 = -0.9659 and cos 285 = 0.2588
sin 300 = -0.866 and cos 300 = 0.5
sin 315 = -0.7071 and cos 315 = 0.7071
sin 330 = -0.5 and cos 330 = 0.866
sin 345 = -0.2588 and cos 345 = 0.9659
PS C:\Users\pulki\.ipython\extensions> █
```