

Ans1:

```
n1=int(input("Enter the first number:"))
n2=int(input("Enter the second number:"))
n3=int(input("Enter the third number:"))
a=(n1+n2+n3)/3
print("The average is:", a)
```

```
Enter the first number:20
Enter the second number:30
Enter the third number:40
The average is: 30.0
```

Ans2:

```
n1=int(input("Enter the gross income:"))
n2=int(input("Enter the number of dependents:"))
tax_rate=0.20
standard_deduction=10000
dependent_deduction=3000
taxable_income=n1-standard_deduction-dependent_deduction*n2
tax=taxable_income*tax_rate
print("The tax is:", tax)
```

```
Enter the gross income:1200000
Enter the number of dependents:2
The tax is: 236800.0
```

Ans3:

```
seconds=int(input("Enter the number of seconds:"))
n1=seconds//60
n2=seconds%60
print(n1,"minutes and", n2, "seconds")
```

```
Enter the number of seconds:2400
40 minutes and 0 seconds
```

Ans4.

```
n1=25
```

```
n2='25'
```

```
n3=25.0
```

```
n2_int=int(n2)
```

```
n3_int=int(n3)
```

```
n4=n1+n2_int+n3_int
```

```
n5=str(n4)
```

```
print(n5)
```

```
type(n5)
```

```
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```

```
PS C:\Users\HP-PC> 
```

Ans5:

```
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 345 = -0.25882 and cos 345 = 0.96593
```

```
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```