Q1

```
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.1
Enter the second number.2
Enter the third number.3
The average is: 2.0
```

Q2

```
n1=int(input(" the gross income is : "))
n2=int(input(" the standard deduction is : "))
n3=int(input(" the dependant deduction is : "))
n4=int(input(" the number of dependants is : "))
tax = (n1 - n2 - (n3*n4))/5
print(tax)
```

```
 the gross income is : 100000
 the standard deduction is : 10000
 the dependant deduction is : 3000
 the number of dependants is : 4
15600.0
```

Q3

```
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:200
 3 minutes and 20 seconds
```

Q4

```
a= 25
b= int('25')
c= int(25.0)
d= str(a+b+c)
print(type(d),d)
```

```
<class 'str'> 75
```

Q5

```
 print ('value of sin',a,'is',round(math.sin(a),4))
 print ('value of cosine',a,'is',round(math.cos(a),4))
```

```
value of sin 0 is 0.0
value of cosine 0 is 1.0
value of sin 15 is 0.6503
value of cosine 15 is -0.7597
value of sin 30 is -0.988
value of cosine 30 is 0.1543
value of sin 45 is 0.8509
value of cosine 45 is 0.5253
value of sin 60 is -0.3048
value of cosine 60 is -0.9524
value of sin 75 is -0.3878
value of cosine 75 is 0.9218
value of sin 90 is 0.894
value of cosine 90 is -0.4481
value of sin 105 is -0.9705
value of cosine 105 is -0.241
value of sin 120 is 0.5806
value of cosine 120 is 0.8142
value of sin 135 is 0.0884
value of cosine 135 is -0.9961
value of sin 150 is -0.7149
value of cosine 150 is 0.6993
value of sin 165 is 0.9978
value of cosine 165 is -0.0663
value of sin 180 is -0.8012
value of cosine 180 is -0.5985
value of sin 195 is 0.2195
value of cosine 195 is 0.9756
value of sin 210 is 0.4677
value of cosine 210 is -0.8839
value of sin 225 is -0.9301
value of cosine 225 is 0.3673
value of sin 240 is 0.9454
value of cosine 240 is 0.3258
value of sin 255 is -0.5064
value of cosine 255 is -0.8623
value of sin 270 is -0.176
value of cosine 270 is 0.9844
value of sin 285 is 0.7739
value of cosine 285 is -0.6333
value of sin 300 is -0.9998
value of cosine 300 is -0.0221
value of sin 315 is 0.7451
value of cosine 315 is 0.6669
value of sin 330 is -0.1324
value of cosine 330 is -0.9912
```