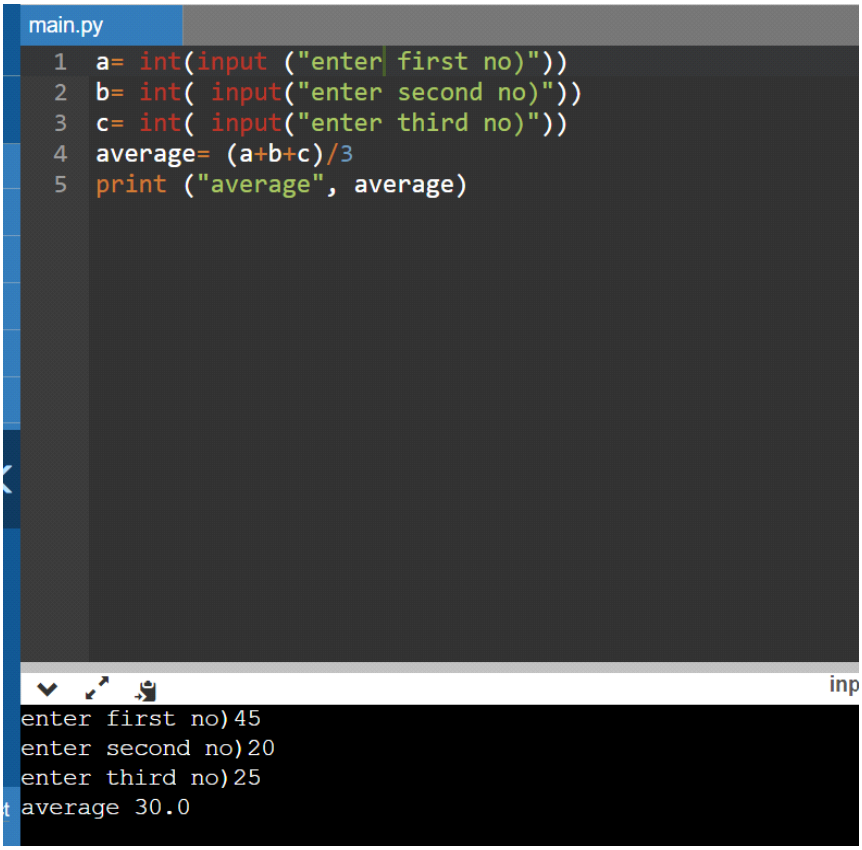
Question 1)




Question 2)

main.py

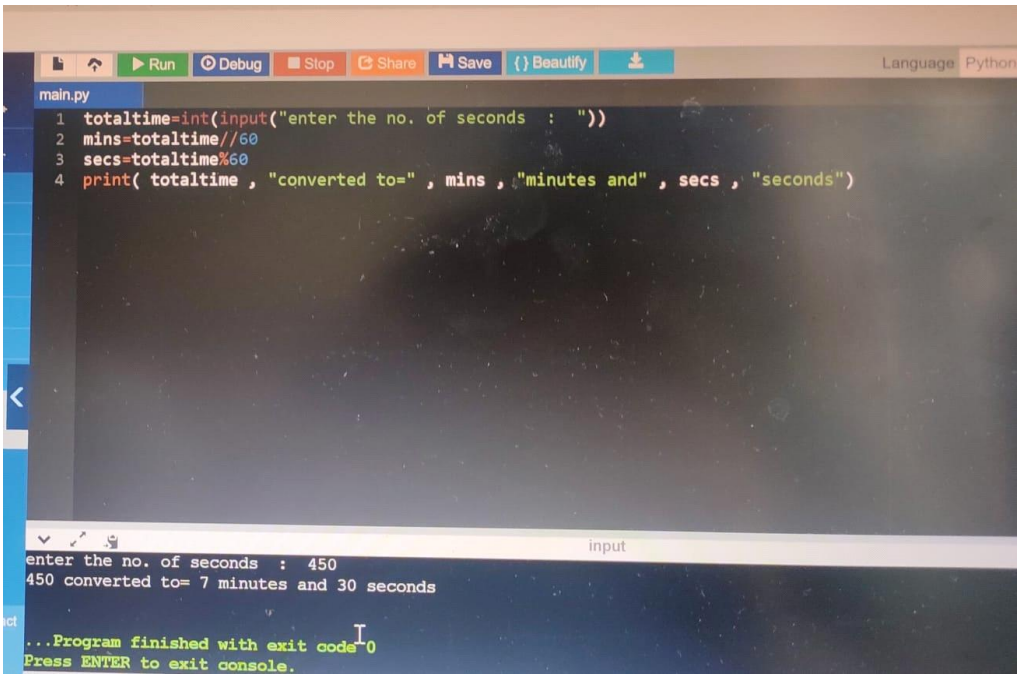
```
1 income=int(input("what is your gross income? "))
2 size= int(input("what is your family size? "))
3 taxableincome= income - 10000 - (size*3000)
4
5 tax= taxableincome/5
6 print("income tax" , tax)
```

input

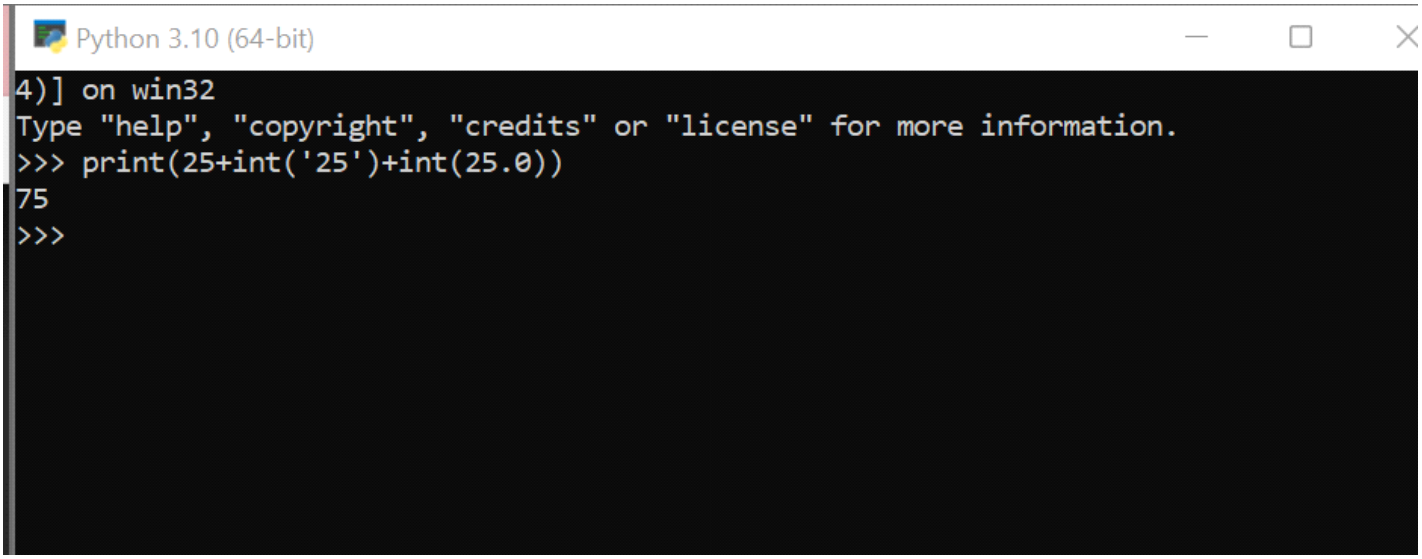
```
what is your gross income? 30000
what is your family size? 3
income tax 2200.0

...Program finished with exit code 0
```

Question 3)



Question 4)




Question 5)

main.py

Run

Shell

```
1  import math as math
2  angle=0
3  while angle<360:
4      rad=angle*math.pi/180
5      print('angle:'+str(angle)+'sin:'+
6      str(round(math.sin(rad),4))+'cos:'+
7      str(round(math.cos(rad),4)))
8      angle+=15
```

```
angle:0sin:0.0cos:1.0
angle:15sin:0.2588cos:0.9659
angle:30sin:0.5cos:0.866
angle:45sin:0.7071cos:0.7071
angle:60sin:0.866cos:0.5
angle:75sin:0.9659cos:0.2588
angle:90sin:1.0cos:0.0
angle:105sin:0.9659cos:-0.2588
angle:120sin:0.866cos:-0.5
angle:135sin:0.7071cos:-0.7071
angle:150sin:0.5cos:-0.866
angle:165sin:0.2588cos:-0.9659
angle:180sin:0.0cos:-1.0
angle:195sin:-0.2588cos:-0.9659
angle:210sin:-0.5cos:-0.866
angle:225sin:-0.7071cos:-0.7071
angle:240sin:-0.866cos:-0.5
angle:255sin:-0.9659cos:-0.2588
```