Homework #2

01286121 Computer Programming

Software Engineering Program,

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By

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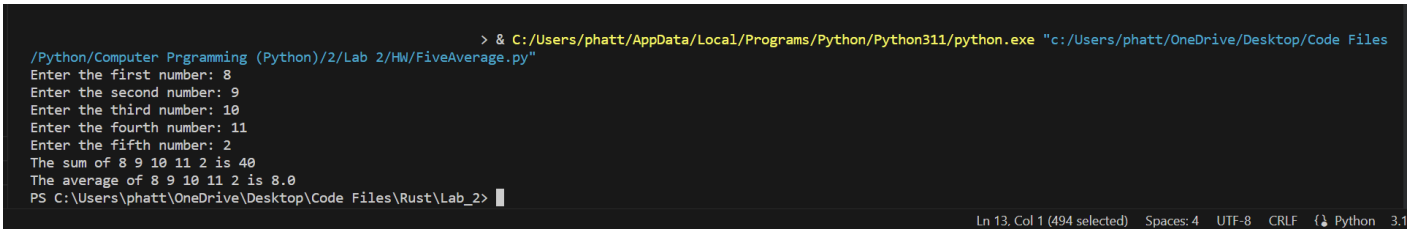
1.) Write a Python program to read 5 numbers from the user and print out the summation and the average of the 5 numbers.

```
number1 = int(input("Enter the first number: "))
number2 = int(input("Enter the second number: "))
number3 = int(input("Enter the third number: "))
number4 = int(input("Enter the fourth number: "))
number5 = int(input("Enter the fifth number: "))

sum = (number1 + number2 + number3 + number4 + number5)
average = sum/5

print("The sum of", number1, number2, number3, number4, number5, "is", sum)
print("The average of", number1, number2, number3, number4, number5, "is", average)
```



2.) Write a Python program to draw a house in your imagination. Draw the picture and the codes in the area below. If you need more space, use the opposite side of this paper. Submit this paper next week before the Python class.

```
import turtle
turtle.showturtle
turtle.speed(10)
turtle.forward(90)
turtle.left(90)
turtle.forward(150)
turtle.right(90)
turtle.forward(40)
```

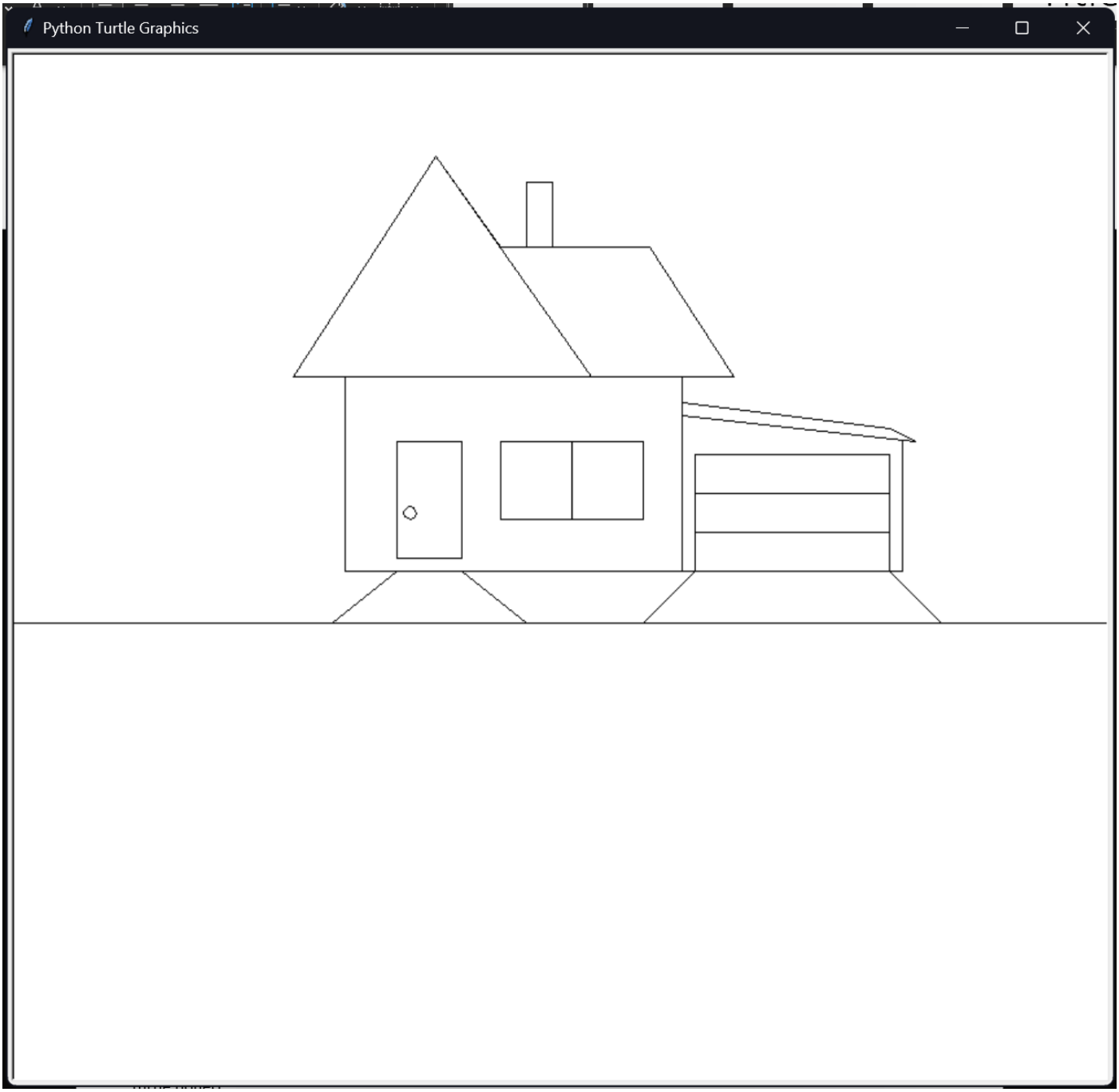
```
turtle.goto(65, 250)
turtle.goto(-50, 250)
turtle.goto(-100, 320)
turtle.goto(-210, 150)
turtle.goto(-170, 150)
turtle.goto(-170, 0)
turtle.goto(0, 0)
turtle.penup()
turtle.goto(-100, 320)
turtle.pendown()
turtle.goto(20, 150)
turtle.penup()
turtle.goto(-190, 150)
turtle.pendown()
turtle.goto(90, 150)
turtle.penup()
turtle.goto(-130 ,10)
turtle.pendown()
turtle.goto(-80, 10)
turtle.goto(-80, 100)
turtle.goto(-130, 100)
turtle.goto(-130, 10)
turtle.penup()
turtle.goto(-120, 40)
turtle.pendown()
turtle.circle(5)
turtle.penup()
turtle.goto(-50, 40)
turtle.pendown()
turtle.goto(60, 40)
turtle.goto(60, 100)
turtle.goto(-50, 100)
turtle.goto(-50, 40)
turtle.penup()
```

```
turtle.goto(5, 100)
turtle.pendown()
turtle.goto(5, 40)
turtle.penup()
turtle.goto(-130, 0)
turtle.pendown()
turtle.goto(-180, -40)
turtle.penup()
turtle.goto(-80, 0)
turtle.pendown()
turtle.goto(-30, -40)
turtle.penup()
turtle.goto(-30, 250)
turtle.pendown()
turtle.goto(-30, 300)
turtle.goto(-10, 300)
turtle.goto(-10, 250)
turtle.penup()
turtle.goto(90,130)
turtle.pendown()
turtle.goto(250,110)
turtle.goto(270,100)
turtle.goto(90,120)
turtle.penup()
turtle.goto(260,101)
turtle.pendown()
turtle.goto(260,0)
turtle.goto(90,0)
turtle.penup()
turtle.goto(100,0)
turtle.pendown()
turtle.goto(100,90)
turtle.goto(250,90)
turtle.goto(250,0)
```

```
turtle.penup()
turtle.goto(100,30)
turtle.pendown()
turtle.goto(250,30)
turtle.penup()
turtle.goto(100,60)
turtle.pendown()
turtle.goto(250,60)
turtle.penup()
turtle.goto(100,0)
turtle.pendown()
turtle.goto(60,-40)
turtle.penup()
turtle.goto(250,0)
turtle.pendown()
turtle.goto(290,-40)
turtle.penup()
turtle.goto(500,-40)
turtle.pendown()
turtle.goto(-500,-40)



turtle.done()
```


Python Turtle Graphics