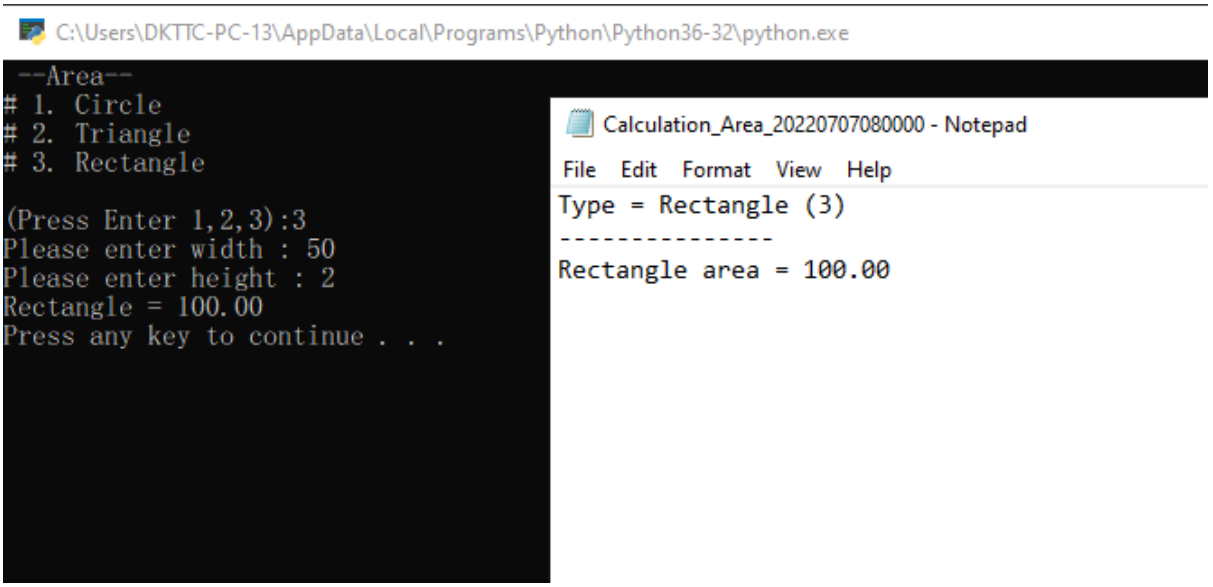
#รับ imputเฉพาะ123 -Yes
#สร้าง if elif ให้เลือกเฉพาะ 123 -Yes
#รับมาประมวลผล วงกลม สามเหลี่ยม สี่เหลี่ยม -Yes
#รับค่าOutputไปลง Text -Yes

```
import os
from lib2to3.pgen2.token import OP

input_string = input(" --Area-- \n# 1. Circle\n# 2. Triangle\n# 3. Rectangle\n  \n(Press Enter
1,2,3):")

Circle = '1'
for c in input_string:
    if Circle == c:
        PI = 3.14
        radius = float(input(' Please Enter the radius of a circle: '))
        area = PI * radius * radius
        circumference = 2 * PI * radius
        f = open("D:/Calculation_Area_20220707080000.txt", "w")
        f.write("Type = Circle (1) ")
        f.close

        f = open("D:/Calculation_Area_20220707080000.txt", "a")
        f.write("\n---------------")
        f.close

        f = open("D:/Calculation_Area_20220707080000.txt", "a")
        f.write("\nArea Of a Circle")
        f.close

        new_text = (" %.2f " %area)
        f.write(new_text)
        f.close()

        f = open("D:/Calculation_Area_20220707080000.txt", "a")
        f.write("\nCircumference Of a Circle =")
        f.close

        new_text = (" %.2f " %circumference)
        f.write(new_text)
        f.close()

        print(" Area Of a Circle = %.2f" %area)
        print(" Circumference Of a Circle = %.2f" %circumference)


Triangle = '2'
```

```
for t in input_string:
    if Triangle == t:
        base = float(input('Please enter base : '))
        height = float(input('Please enter height : '))
        total = ((1/2) * (base * height))
        f = open("D:/Calculation_Area_20220707080000.txt", "w")
        f.write("Type = Triangle (2)")
        f.close

        f = open("D:/Calculation_Area_20220707080000.txt", "a")
        f.write("\n---------------")
        f.close

        f = open("D:/Calculation_Area_20220707080000.txt", "a")
        f.write("\nTriangle area =")
        f.close

        new_text = (" %.2f " %total)
        f.write(new_text)
        f.close()

        print( 'Triangle area = %.2f' %total )


Rectangle = '3'
for r in input_string:
    if Rectangle == r:
        width = float(input('Please enter width : '))
        height = float(input('Please enter height : '))
        total = width * height

        f = open("D:/Calculation_Area_20220707080000.txt", "w")
        f.write("Type = Rectangle (3)")
        f.close

        f = open("D:/Calculation_Area_20220707080000.txt", "a")
        f.write("\n---------------")
        f.close

        f = open("D:/Calculation_Area_20220707080000.txt", "a")
        f.write("\nRectangle area =")
        f.close

        new_text = (" %.2f " %total)
        f.write(new_text)
        f.close()

        print( 'Rectangle = %.2f ' %total )
```


C:\Users\DKTTC-PC-13\AppData\Local\Programs\Python\Python36-32\python.exe
--Area--
1. Circle
2. Triangle
3. Rectangle
(Press Enter 1,2,3):3
Please enter width : 50
Please enter height : 2
Rectangle = 100.00
Press any key to continue . . .
Calculation_Area_20220707080000 - Notepad
File Edit Format View Help
Type = Rectangle (3)

Rectangle area = 100.00