Python Turtle

講義網址：
https://ppt.cc/fNUV9x

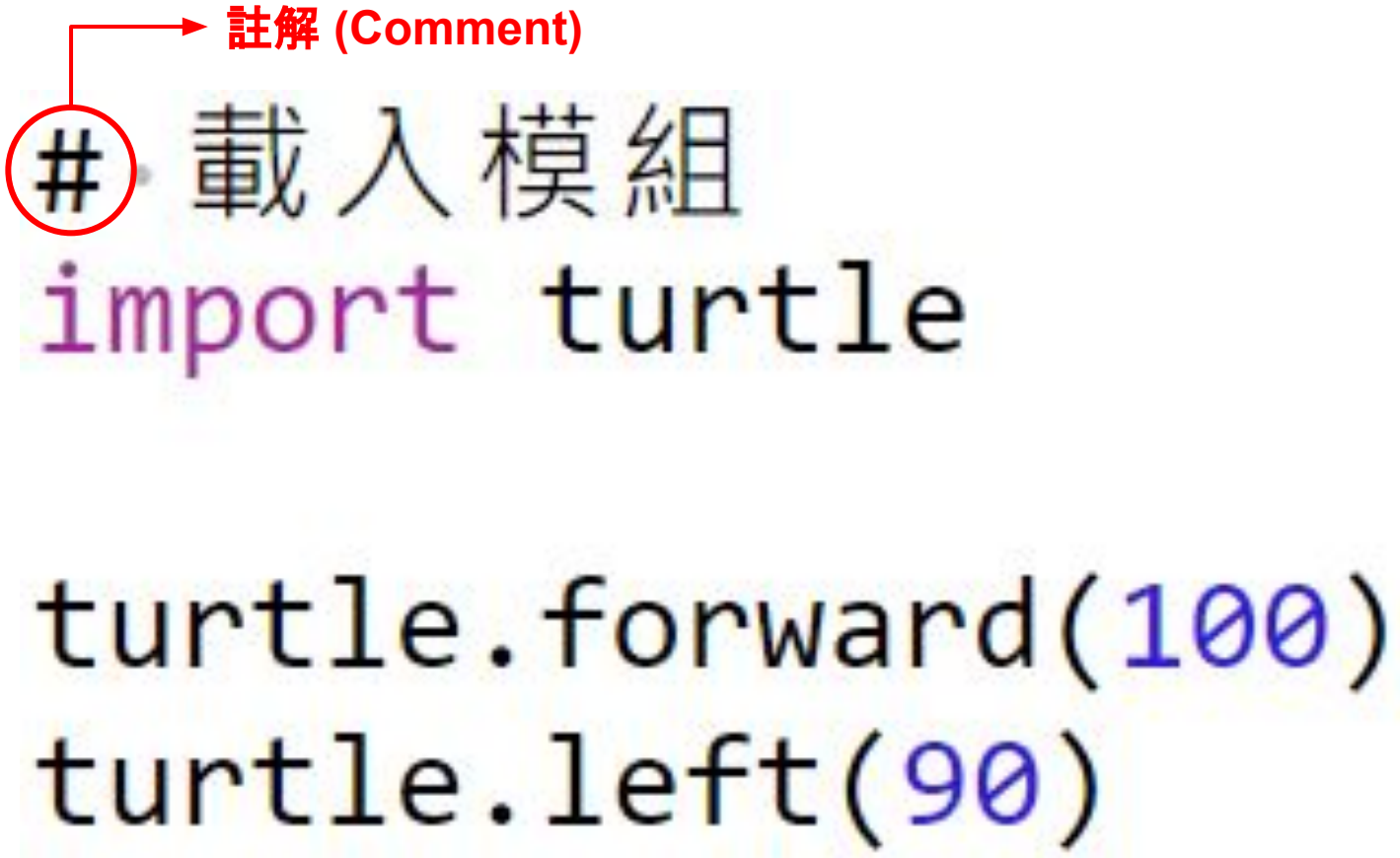
Python Turtle Documentation:
https://docs.python.org/3/library/turtle.html

常用指令：
https://github.com/vcdemy/python_beginners/blob/main/commands.md

Basic Syntax

```
import turtle
```

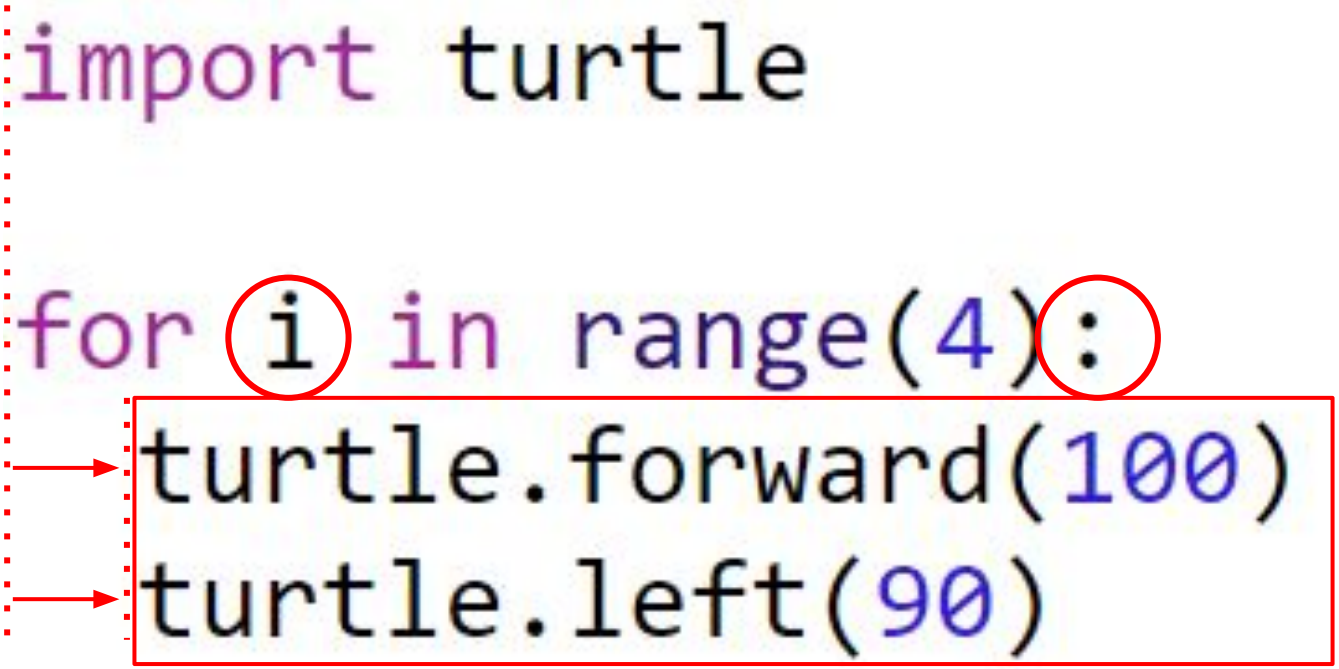
```
import turtle

turtle.forward(100)
turtle.left(90)
```


註解 (Comment)
# 載入模組
import turtle
turtle.forward(100)
turtle.left(90)

for Loops

```
import turtle

turtle.forward(100)
turtle.left(90)
turtle.forward(100)
turtle.left(90)
turtle.forward(100)
turtle.left(90)
turtle.forward(100)
turtle.left(90)
```

```
import turtle

for i in range(4):
    turtle.forward(100)
    turtle.left(90)
```


import turtle
for i in range(4):
turtle.forward(100)
turtle.left(90)

functions

```
import turtle
```

```
def polygon():
    for i in range(4):
        turtle.forward(100)
        turtle.left(90)
```

函式定義
Function Definition

```
polygon()
```

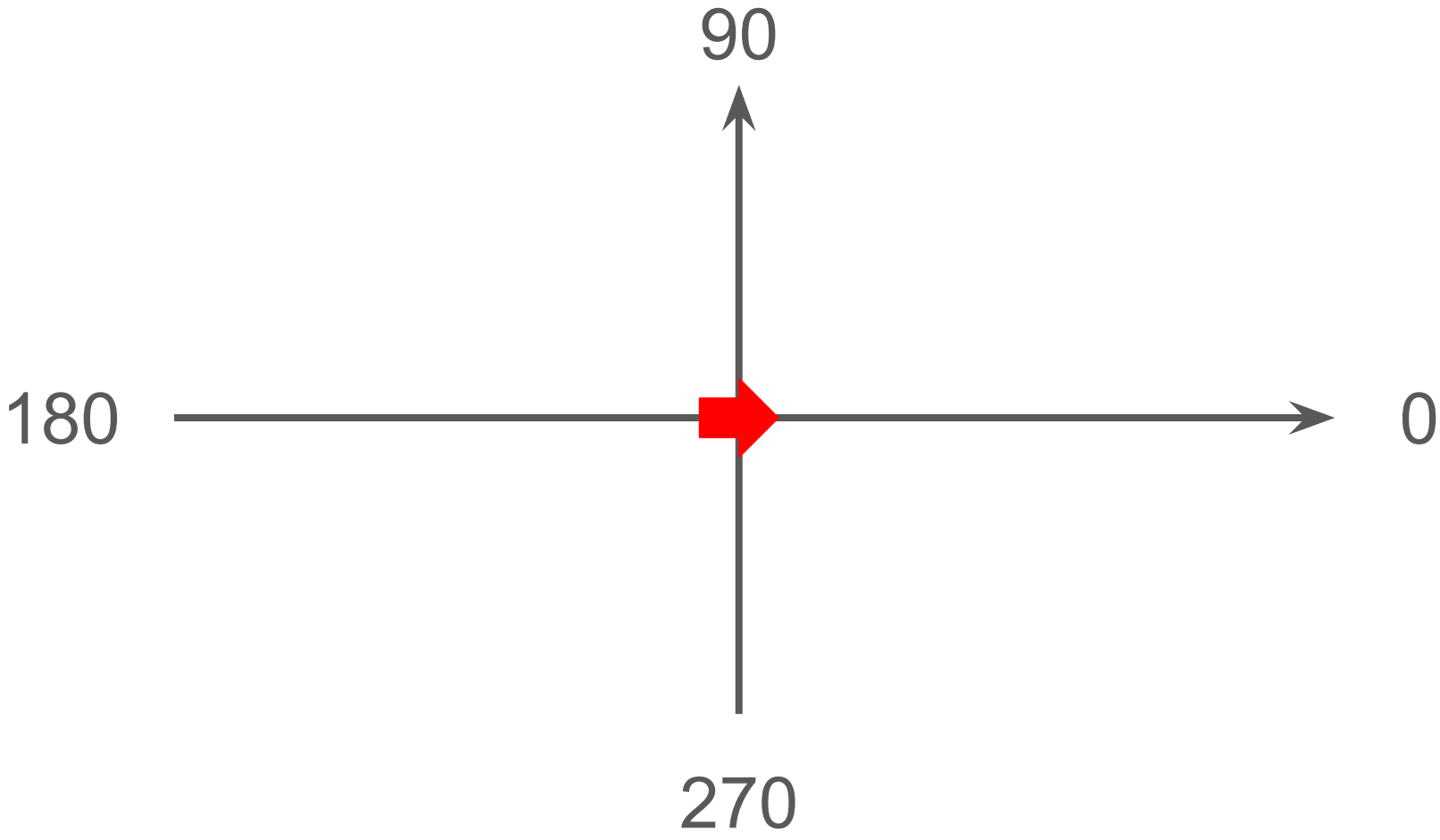
函式呼叫
Function Call

```
import turtle

def polygon():
    for i in range(4):
        turtle.forward(100)
        turtle.left(90)

polygon()
```

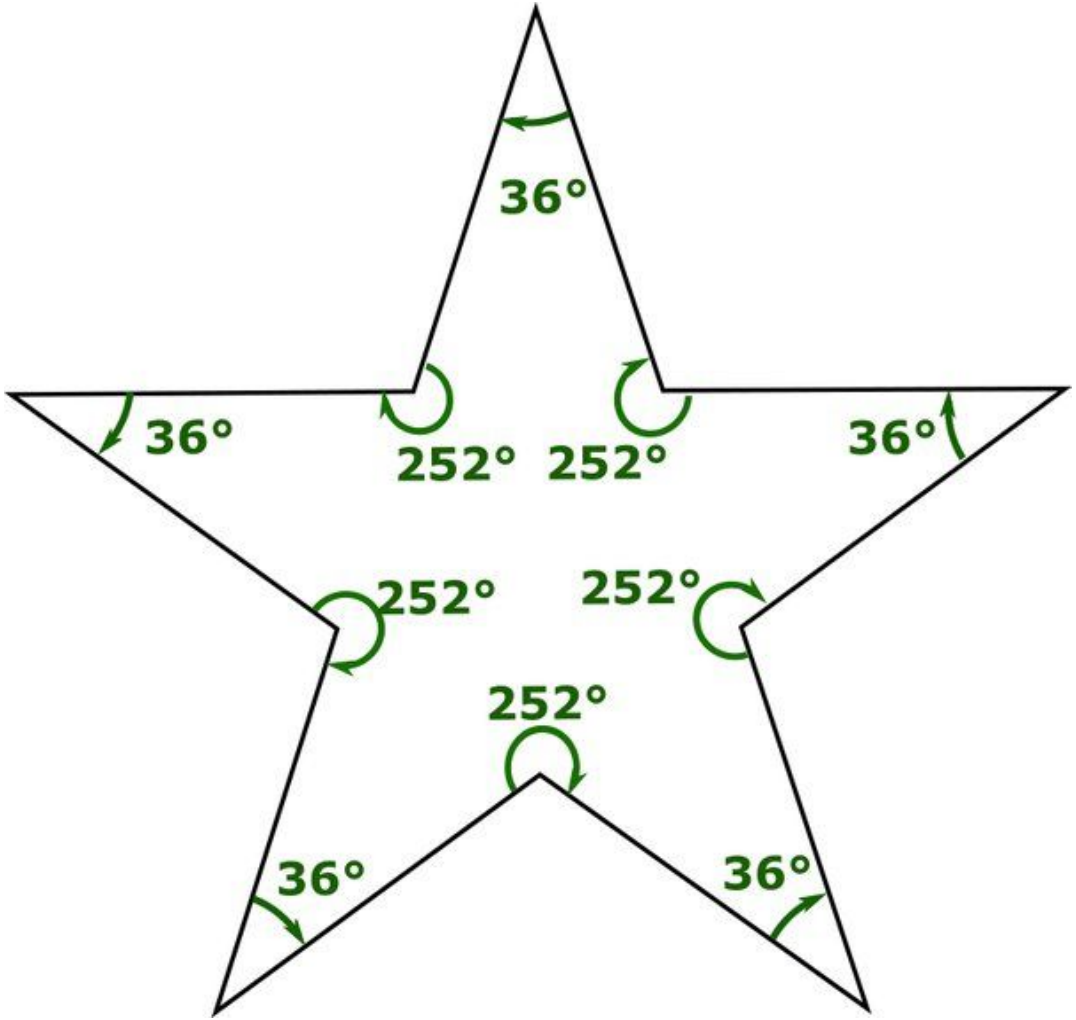
```
import turtle

def polygon(n):
    for i in range(n):
        turtle.forward(50)
        turtle.left(360/n)

polygon(5)
```

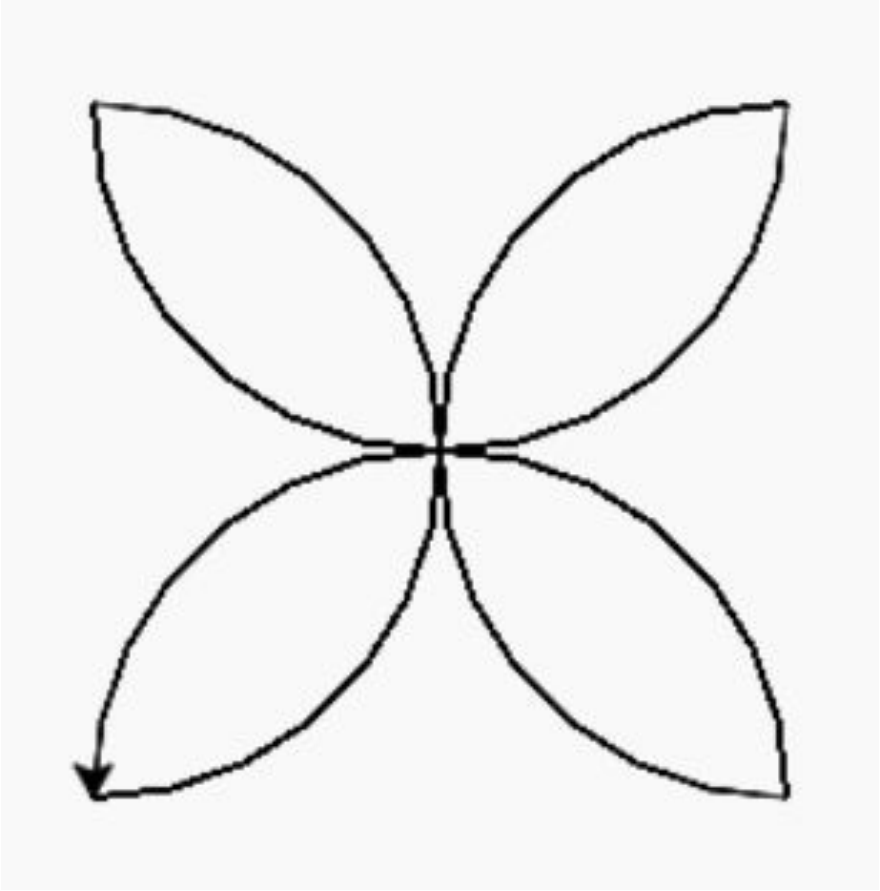
```
import turtle

def polygon(n, m):
    for i in range(n):
        turtle.forward(m)
        turtle.left(360/n)

polygon(5, 50)
```

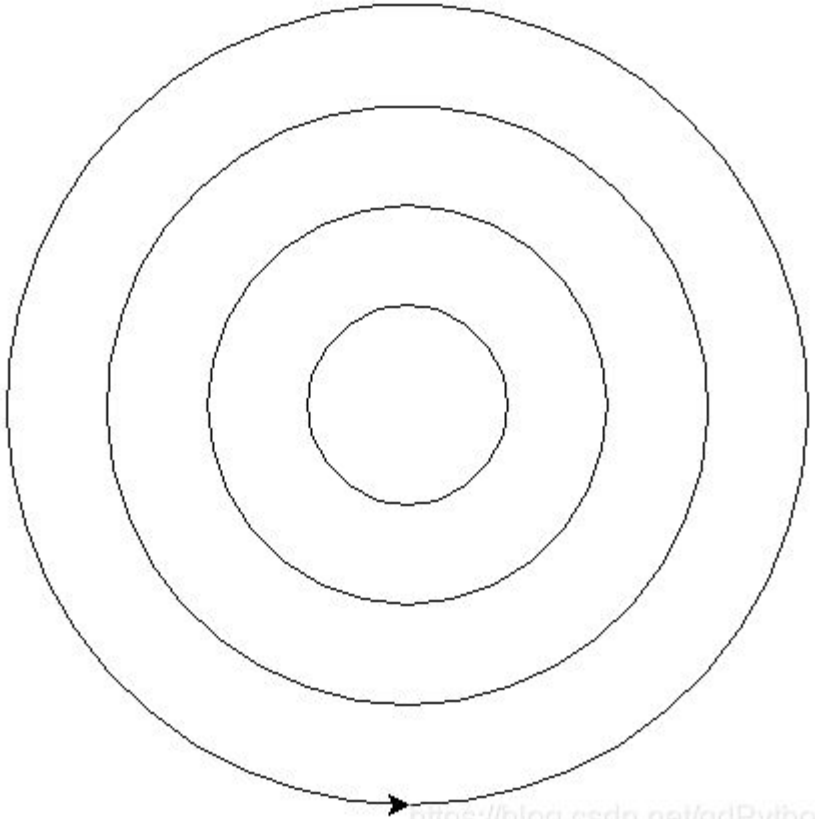
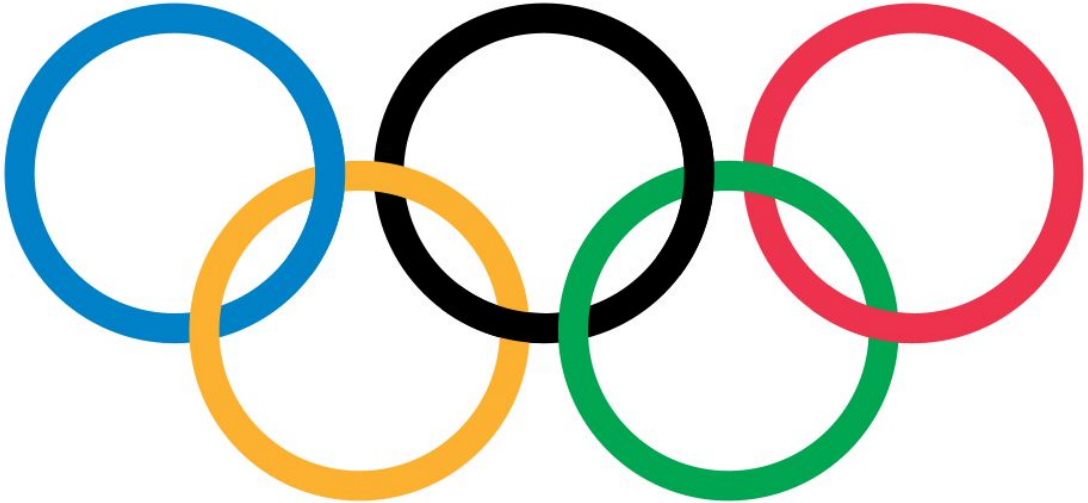
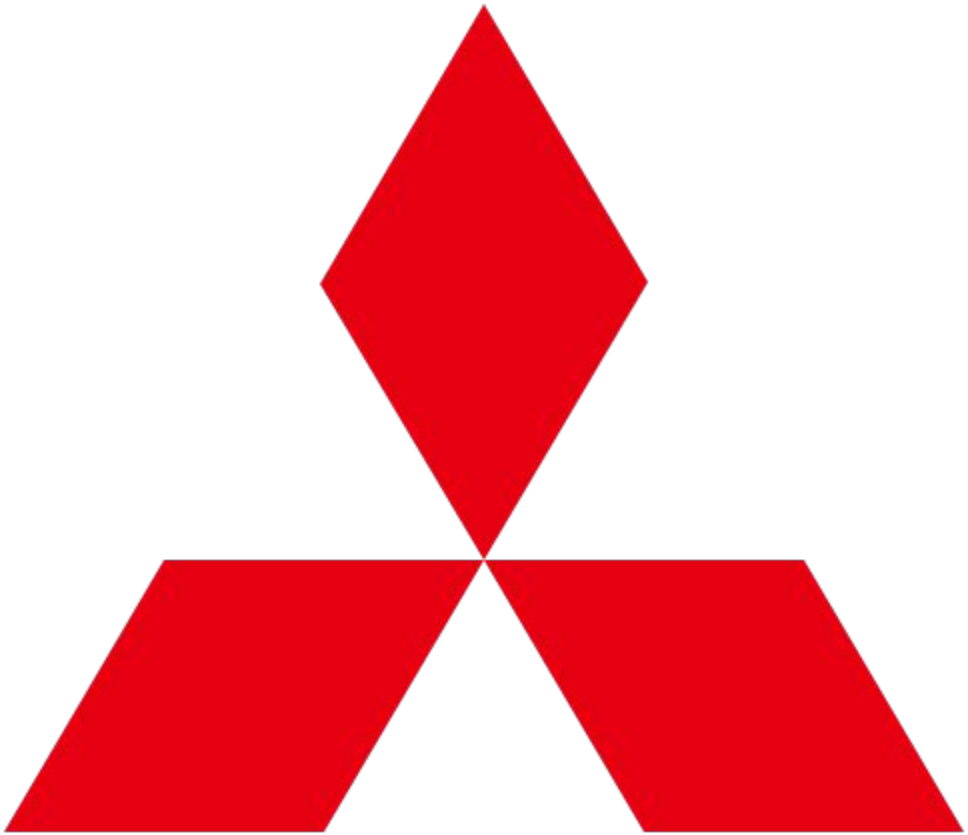
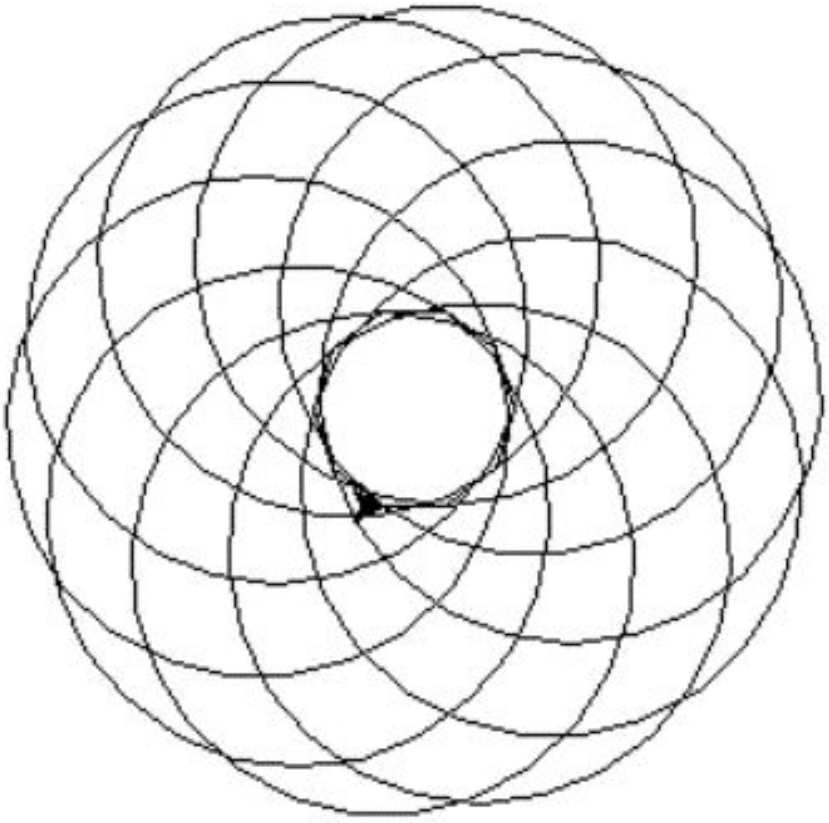
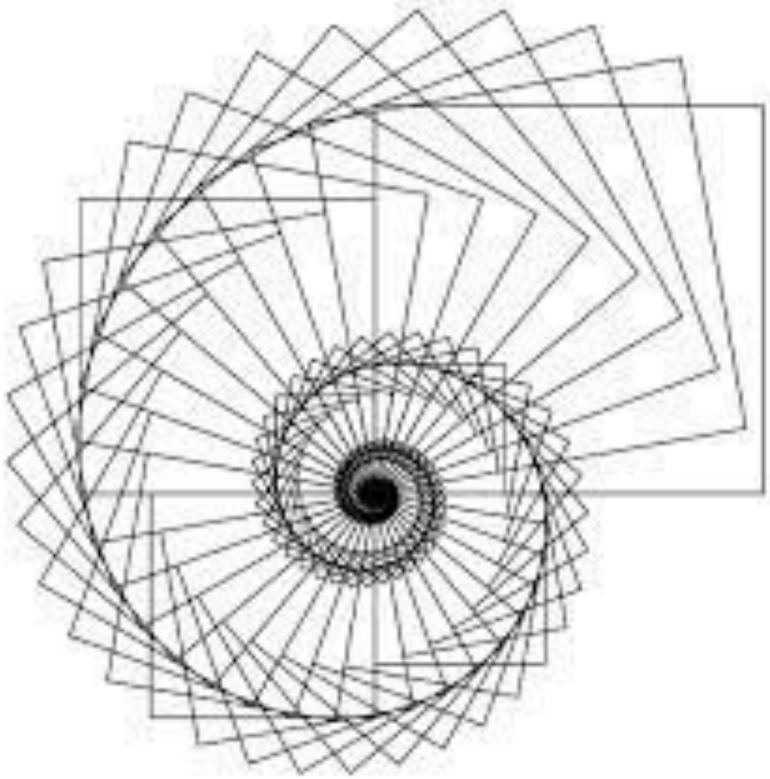
Turtle Heading


90
180
0
270

Challenges


36°
36°
252°
252°
36°
252°
252°
252°
36°
36°




https://blog.csdn.net/qdPython