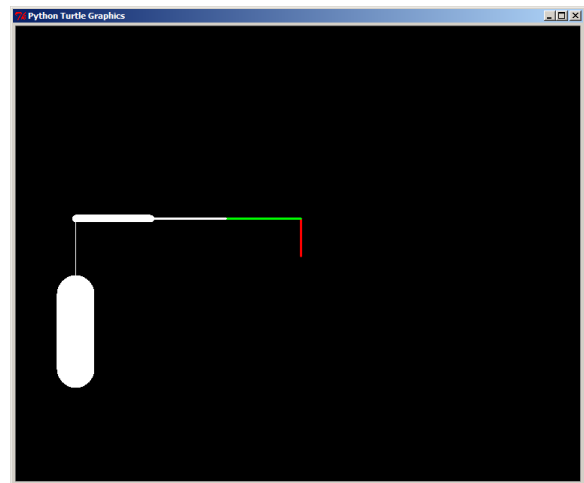


## # Lesson 1

```
from turtle import *
pendown()
bgcolor('black')
color('red')
width(3)
left(90)
fd(50)
left(90)
color('green')
fd(100)
color('white')
fd(100)
width(10)
fd(100)
left(90)
width(1)
fd(100)
width(50)
fd(100)
```



## # Lesson 2

```
from turtle import *
pendown()
bgcolor('black')
color('red')
fd(50)
right(90)
hideturtle()
fd(100)
showturtle()
right(90)
penup()
fd(100)
right(90)
pendown()
fd(50)
```



### # Lesson 3

```
from turtle import *
pendown()
bgcolor('black')
width(3)

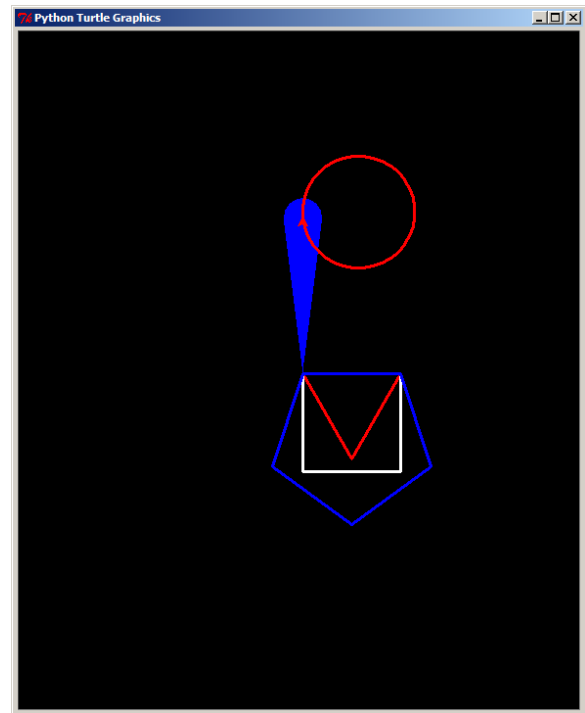
color('red')
for i in range(3):
    fd(100)
    right(360/3)

color('white')
for i in range(4):
    fd(100)
    right(360/4)

color('blue')
for i in range(5):
    fd(100)
    right(360/5)

left(90)
for i in range(40):
    width(i)
    fd(4)

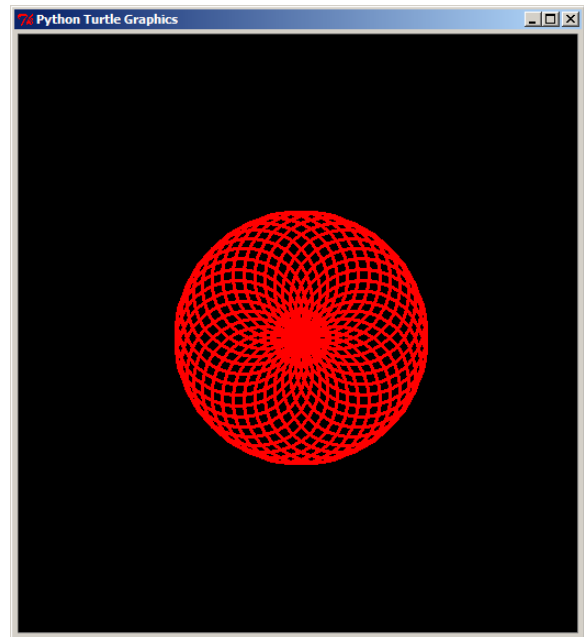
color('red')
width(3)
for i in range(36):
    fd(10)
    right(10)
```



```
# Lesson 4_1
```

```
from turtle import *
pendown()
bgcolor('black')
width(3)
color('red')

for i in range(36):
    for j in range(36):
        fd(10)
        right(10)
        right(10)
```



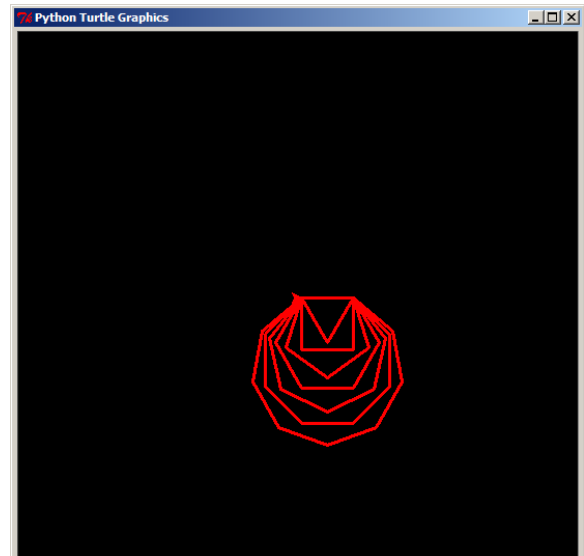
```
# Lesson 4_2
```

```
from turtle import *
pendown()
bgcolor('black')
width(3)
color('red')

def polygon(n):
    for i in range(n):
        fd(50)
        right(360.0/n)

polygon(5)

for i in range(3,10):
    polygon(i)
```

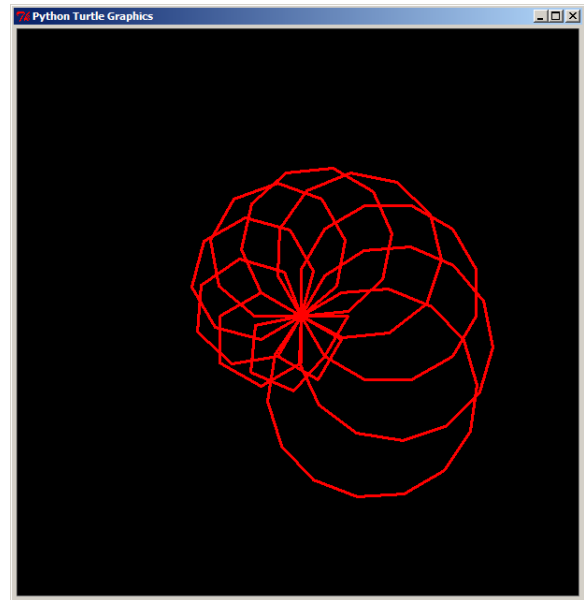


# Lesson 4\_3

```
from turtle import *
pendown()
bgcolor('black')
width(3)
color('red')

def polygon(n):
    for i in range(n):
        fd(50)
        right(360.0/n)

for i in range(3,15):
    polygon(i)
    right(30)
```



# Lesson 4\_4

```
from turtle import *
pendown()
bgcolor('black')
width(3)

def circle():
    for i in range(36):
        fd(10)
        right(10)

color_list=['red', 'green', 'blue',
'purple', 'orange', 'yellow']
for item in color_list:
    color(item)
    circle()
    right(60)
```

