

-터를 그래픽

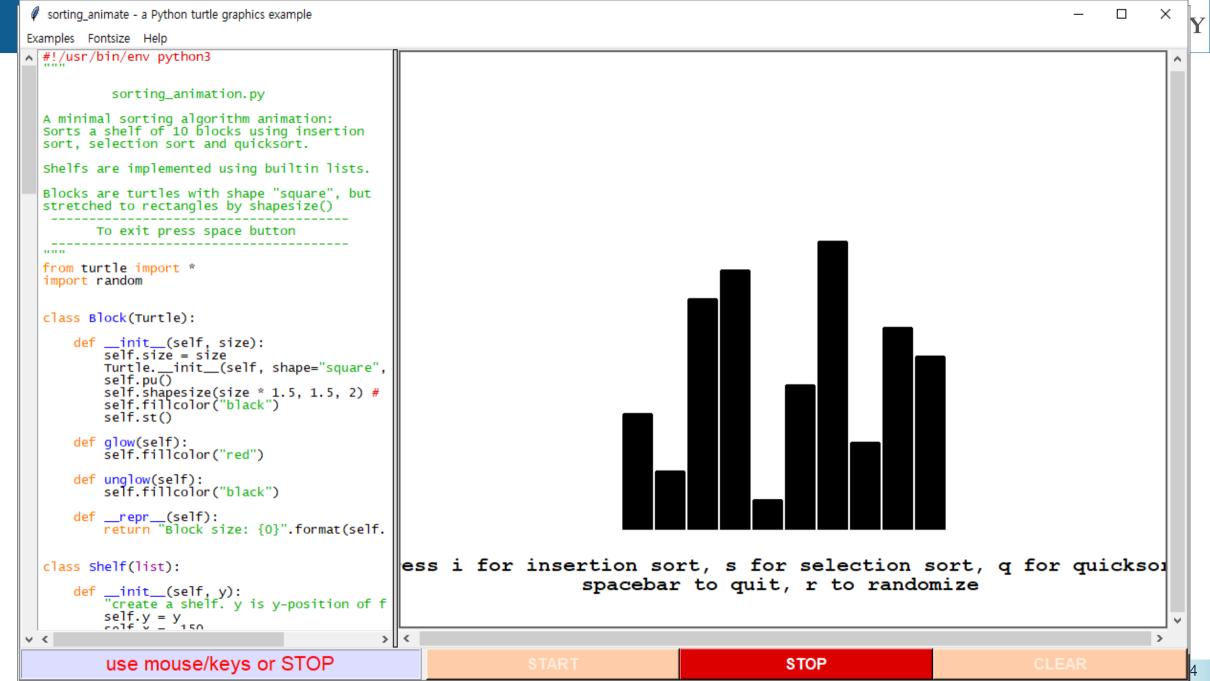


소프트웨어융합대학 교수 진혜진



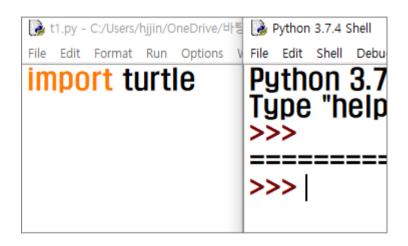
1. 터틀 그래픽 데모

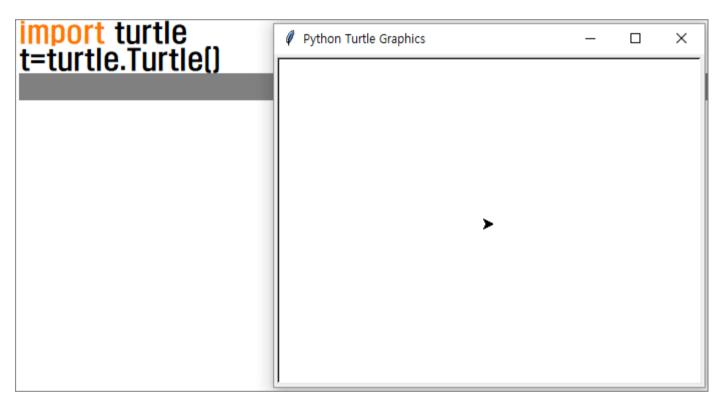
2. 터를 그래픽 예





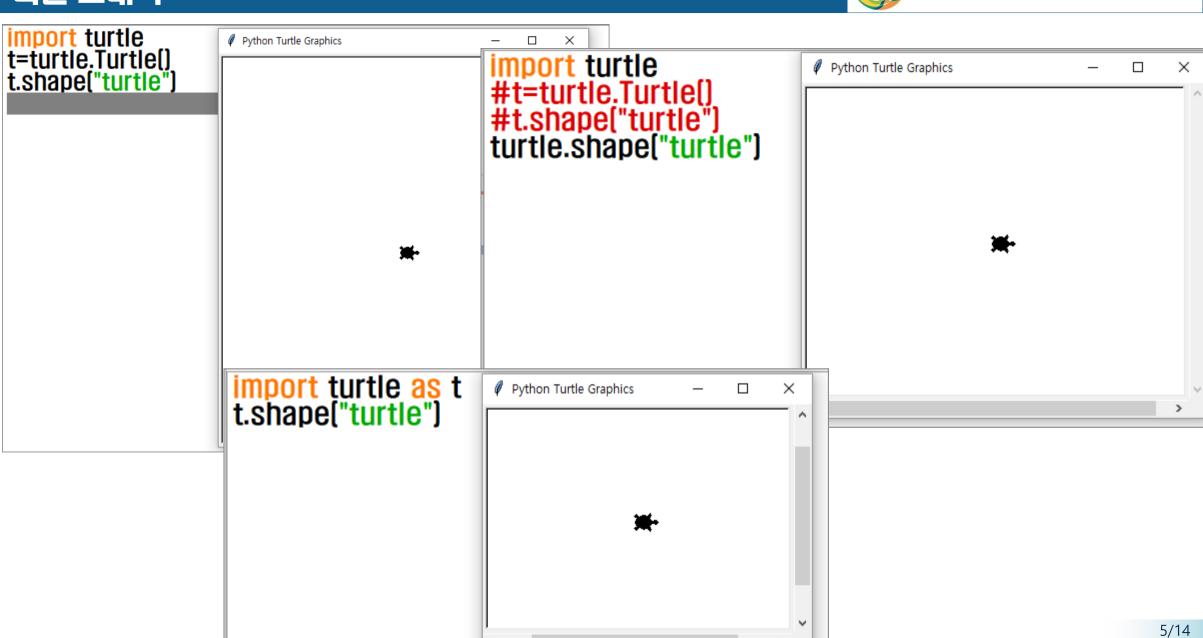
- 터틀 그래픽
 - 화면에서 그림을 그리는 기능





터를 그래픽



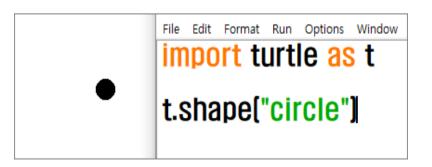


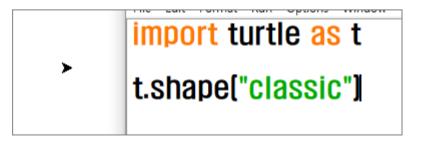












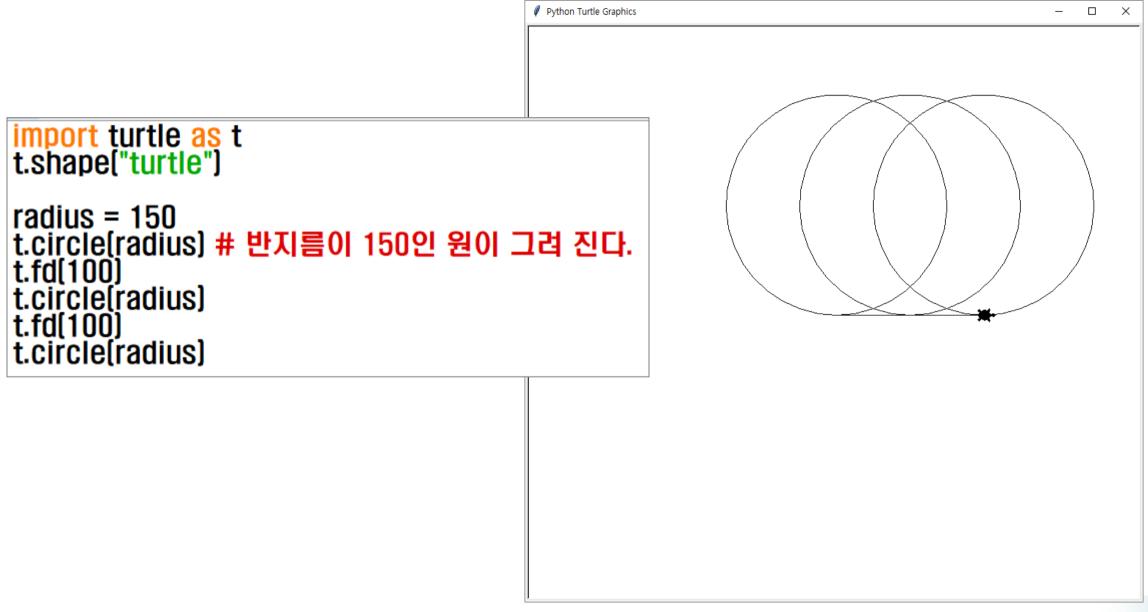








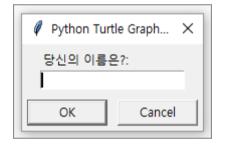




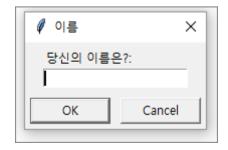


- 터틀 그래픽에서 문자열 입력
 - 변수 = turtle.textinput("제목", 출력할 문자열")

■ name = turtle.textinput("", "이름을 입력하시오: ")



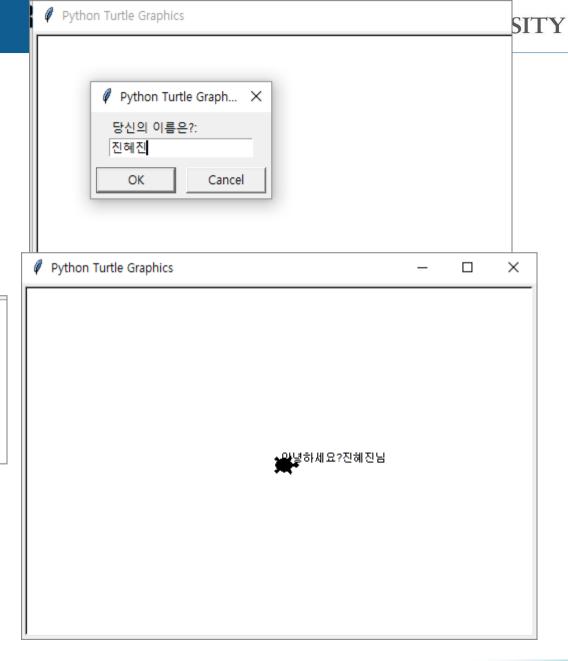
name = turtle.textinput("이름", "당신의 이름은?: ")



터를 그래픽

- 터틀 그래픽에서 문자열 출력
 - turtle.write("문자열"+변수)
- t.write("안녕하세요?"+name+"님")

```
import turtle
t=turtle.Turtle()
t.shape("turtle")
name = turtle.textinput("", "당신의 이름은?: ")
t.write("안녕하세요?"+name+"님")
```



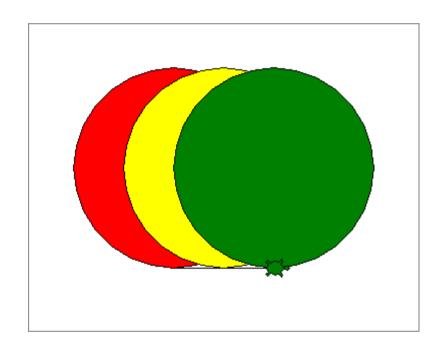


```
import turtle
t=turtle.Turtle()
t.shape("turtle")
major = turtle.textinput("국민대", "학과를 입력하세요.: ")
t.write("국민대" + major +"에 오신 것을 환영합니다.")
t.left(144)
t.forward(100)
t.left(144)
                                                              Python Turtle Graphics
                                                                                                                                               ×
t.forward(100)
t.left(144)
t.forward(100)
t.left(144)
t.forward(100)
t.left(144)
t.forward(100)
                                                                                                           <del>교</del>민대소프트웨어학과에 오신 것을 환영합니다
```





```
import turtle as t
t.shape("turtle")
color = [ "red", "yellow", "green" ]
t.fillcolor(color[0])
t.begin_fill()
t.circle(100)
t.end_fill()
t.fd(50)
t.filicolor(color[1])
t.begin_fill()
t.circle(100)
t.end_fill()
t.fd(50)
t.fillcolor(color[2])
t.begin_fill()
t.circle(100)
t.end_fill()
```

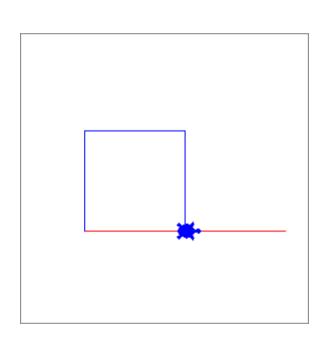


터를 그래픽



■ <u>터를 그래픽 함수</u>

```
import turtle as t
t.shape("turtle")
t.speed(1)
t.color("green")
t.fd(100)
t.color("red")
t.bk(200) #back
t.color("blue")
t.lt(90)
t.fd(100)
t.rt(90)
t.fd(100)
t.home()
#t.clear()
#t.ht()
```





■ <u>터를 그래픽 함수</u>

```
import turtle as t
t.bgcolor("black")
t.shape("turtle")
t.title("jinhyejin")
t.color("white")
t.fillcolor("white")
t.begin_fill()
t.fd(100)
t.lt(144)
t.lt(144)
t.lt(144)
t.lt(144)
t.end_fill()
t.ht()
```

