

Codes de la présentation

Turtle

```
<sxh python; title : turtle-01.py> #!/usr/bin/python # -*- coding: iso-8859-15 -*-
```

```
# exemple de base turtle # from turtle import * import sys import time
```

```
reset() x=-100 y=-100 i=0 while i < 10:
```

```
    j=0
    while j <10:
        up()
        goto(x+i*20,y+j*20)
        down()
        fill(1)
        n=0
        while n <4 :
            forward(16)
            left(90)
            n=n+1
        color([i*0.1,j*0.1,0])
        fill(0)
        color(0,0,0)
        j=j+1
    i=i+1
```

```
# end
```

```
time.sleep(10) </sxh>
```

Tkinter

```
(Python 2) <sxh python; title : tkinter-simple-entry.py> #!/usr/bin/python # -*- coding: UTF-8 -*-
```

```
# lecture de 2 masses par une fenêtre tk
```

```
from Tkinter import *
```

```
fen01 = Tk() fen01.title("Lecture de deux masses") chaine1 = Label (fen01, text = "introduisez la  
première masse :") chaine2 = Label (fen01, text = "introduisez la deuxième masse :")  
chaine1.grid(row =0) chaine2.grid(row =1) entr1= Entry(fen01) entr2= Entry(fen01) entr1.grid(row  
=0, column =1) entr2.grid(row =1, column =1)  
bou1=Button(fen01,text='Continuer',command=fen01.quit) bou1.grid(row=2,column=1)
```

```
fen01.mainloop()
```

```
m1 = float(entr1.get()) m2 = float(entr2.get()) fen01.destroy()
```

```
print 'Masses lues : ', m1,' et ',m2
```

```
</sxh>
```

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