

Global Variables in Python

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Mouse Clicks

```
def click(evnt):  
    global x,y  
    #  
    x=evnt.x  
    y=evnt.y  
    #  
#  
root.bind('<Button-1>',click)
```

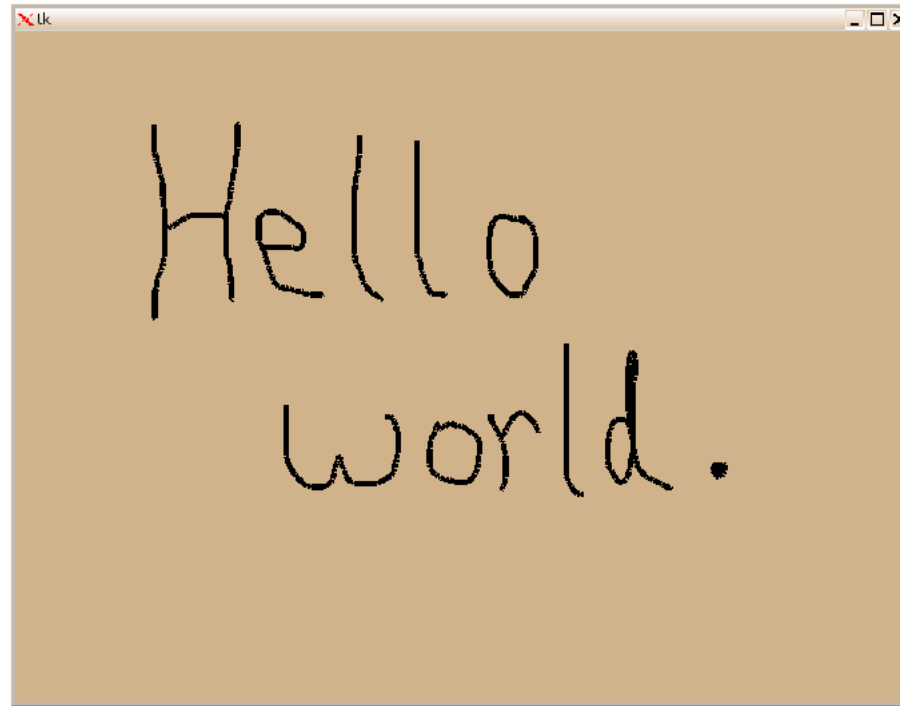
Click Count

```
count=0
#
def click(evnt):
    global count
    #
    count+=1
    #
#
root.bind('<Button-1>',click)
```

Drawing Lines

```
def click(evnt):  
    global x,y,count  
    #  
    if count%2==0:  
        x,y=evnt.x,evnt.y  
    else:  
        cnvs.create_line(x,y,evnt.x,evnt.y)  
    #  
    count+=1
```

Example Sketch



Remember that $(0, 0)$ is the upper-left corner.

Lab Assignment: Software

