

Animation Example

Modify the following program to create an animation of at least 7 frames.

```
from tkinter import *
import random
import time
root=Tk()
root.title("Simple Animation")
root.geometry("600x600+1+1")

c=Canvas(root,width=1200,height=680,bg="black")
c.place(x=10,y=10)

#Load images
img1 = PhotoImage(file='cat1.png')
img2 = PhotoImage(file='cat2.png')
img3 = PhotoImage(file='cat3.png')
img4 = PhotoImage(file='cat4.png')

frame = 1

animated = True

while animated:
    #print(frame)
    if frame ==1 :
        c.create_image(300,300,image=img1)

    if frame ==2 :
        c.create_image(300,300,image=img2)

    if frame ==3 :
        c.create_image(300,300,image=img3)

    if frame ==4 :
        c.create_image(300,300,image=img4)

    # frame delay
    time.sleep(.1)
    frame +=1
    if frame==5 :
        frame = 1
    root.update() # redraw canvas

root.mainloop()
```