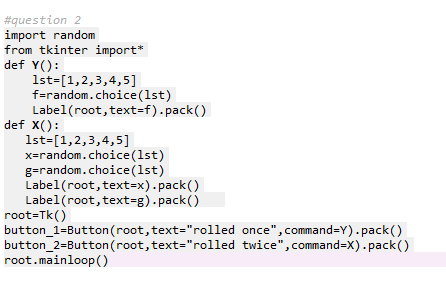
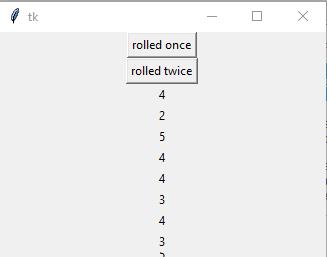
Question 2





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Question 3

from tkinter import\*

import re

import random

def function\_1():

txt = "Some analysts say a Buffett-less\n Berkshire Hathaway could be a candidate \nfor being broken up into multiple companies"

x = (re.search("^Some.\*companies$", txt))

Label(root,text=x).grid()

def function\_2():

str = "Some analysts say a Buffett-less Berkshire\n Hathaway could be a candidate for being broken\n up into multiple companies"

y = re.findall("ou", str)

Label(root,text=y).grid()

def function\_3():

str = "Some analysts say a Buffett-less Berkshire\n Hathaway could be a candidate for\n being broken up into multiple companies"

z = re.findall("into", str)

Label(root,text=z).grid()

def function\_4():

str = "Some analysts say a Buffett-less Berkshire Hathaway could be a \ncandidate for being broken up into\nmultiple companies"

t = re.search("\s", str)

Label(root,text=t).grid()

def function\_5():

str = "Buffett, who is worth almost $90 billion, still lives in \na relatively modest house about 10 minutes outside\n downtown Omaha that he bought in 1958"

a = re.split("\s", str)

Label(root,text=a).grid()

def function\_6():

str = "Buffett, who is worth almost $90\n billion, still lives in a relatively modest house about 10 \nminutes outside downtown Omaha that he bought in 1958"

b = re.sub("\s", "\*" ,str)

Label(root,text=b).grid()

def function\_7():

str = "Buffett, who is worth almost $90\n billion, still lives in a relatively modest house\n about 10 minutes outside downtown Omaha that he bought in 1958"

c = re.sub("\s", "\*", str, 4)

Label(root,text=c).grid()

def function\_8():

d=(random.choice([1,2,3,4,5,6]))

Label(root,text=d).grid()

def function\_9():

e=(random.choice([1,2,3,4,5,6]))

f=(random.random())

Label(root,text=e).grid()

Label(root,text=f).grid()

def function\_10():

g=(random.randrange(0,52,5))

Label(root,text=g).grid()

def function\_11():

lst\_odd = [1,9,7,3,5]

h=(random.shuffle(lst\_odd))

Label(root,text=h).grid()

def function\_12():

i=(random.uniform(0,52))

Label(root,text=i).grid()

root=Tk()

button\_1=Button(root,text="button1",command=function\_1).grid(row=0,column=0)

button\_2=Button(root,text="button2",command=function\_2).grid(row=0,column=1)

button\_3=Button(root,text="button3",command=function\_3).grid(row=0,column=2)

button\_4=Button(root,text="button4",command=function\_4).grid(row=0,column=3)

button\_5=Button(root,text="button5",command=function\_5).grid(row=1,column=0)

button\_6=Button(root,text="button6",command=function\_6).grid(row=1,column=1)

button\_7=Button(root,text="button7",command=function\_7).grid(row=1,column=2)

button\_8=Button(root,text="button8",command=function\_8).grid(row=1,column=3)

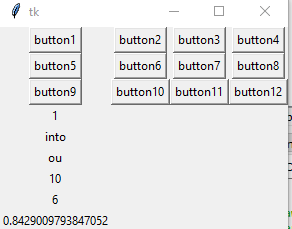
button\_9=Button(root,text="button9",command=function\_9).grid(row=2,column=0)

button\_10=Button(root,text="button10",command=function\_10).grid(row=2,column=1)

button\_11=Button(root,text="button11",command=function\_11).grid(row=2,column=2)

button\_12=Button(root,text="button12",command=function\_12).grid(row=2,column=3)

root.mainloop()



Question 4

