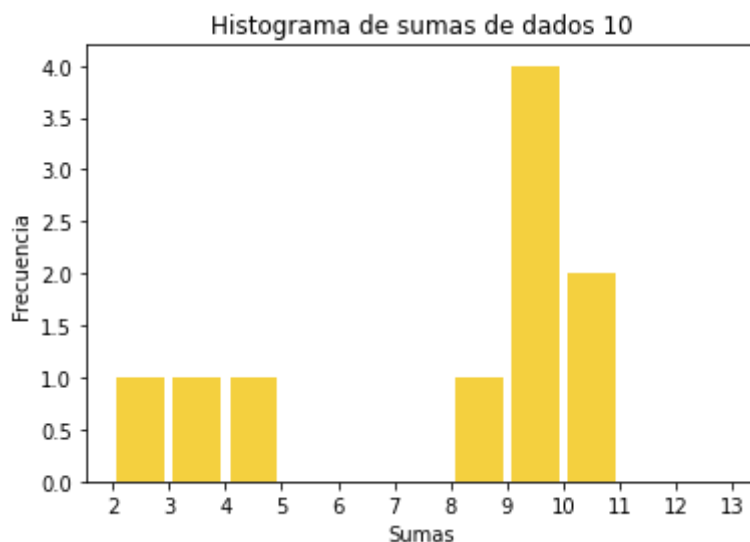


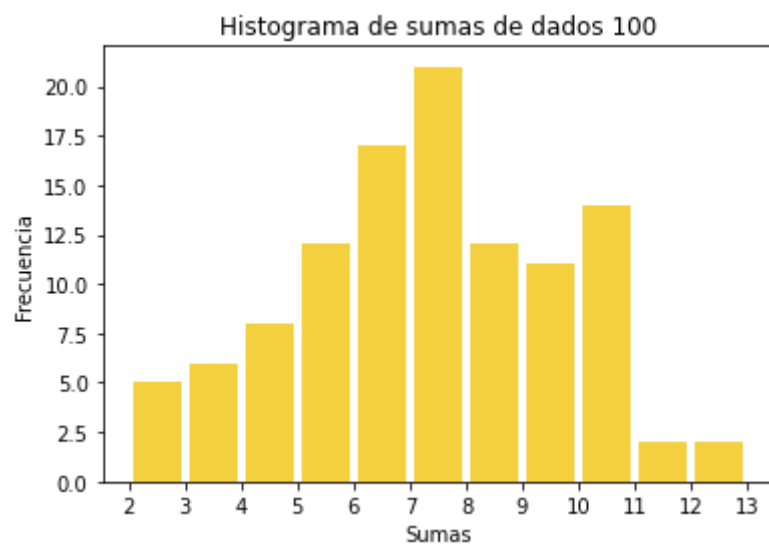
```

1 import random
2 import matplotlib.pyplot as plot
3
4
5 def sumaValores(a,b):
6     c = a+b
7     frecuenciaSuma(c)
8     return c
9
10 vec = []
11 def frecuenciaSuma(c):
12     vec.append(c)
13
14
15 def graficarHistograma(repeticiones):
16     for i in range(0,repeticiones):
17         dadoA = random.randint(1,6)
18         dadoB = random.randint(1,6)
19         sumaValores(dadoA,dadoB)
20     mapa_vector = {}
21
22     for suma in vec:
23         if suma in mapa_vector:
24             mapa_vector[suma] += 1
25         else:
26             mapa_vector[suma] = 1
27     intervalos = range(min(vec), 12 + 2)
28     plot.hist(x=vec, bins=intervalos, color='#F4D03F', rwidth=0.85)
29     w1 = 'Histograma de sumas de dados '
30     w2 = str(repeticiones)
31     plot.title(w1 + w2)
32     plot.xlabel('Sumas')
33     plot.ylabel('Frecuencia')
34     plot.xticks(intervalos)
35     plot.show()
36
37 graficarHistograma(10)

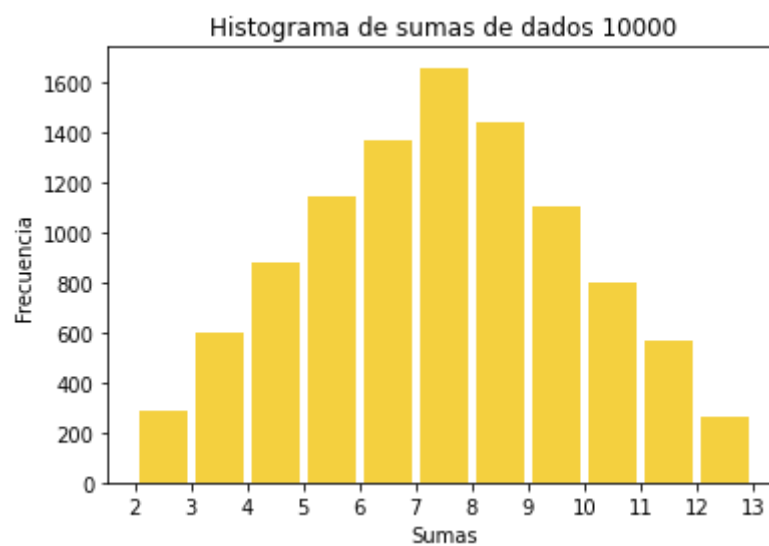
```



1 graficarHistograma(100)



1 graficarHistograma(10000)



1 graficarHistograma(1000000)

