

`_init_()`



You have 4 doors in front of you:

a b c d

Enter the door you want to choose (a b c or d): a

Do you want to switch the door (s) or keep it (k): k

Probability of winning is: 0.2443

You have 4 doors in front of you:

a b c d

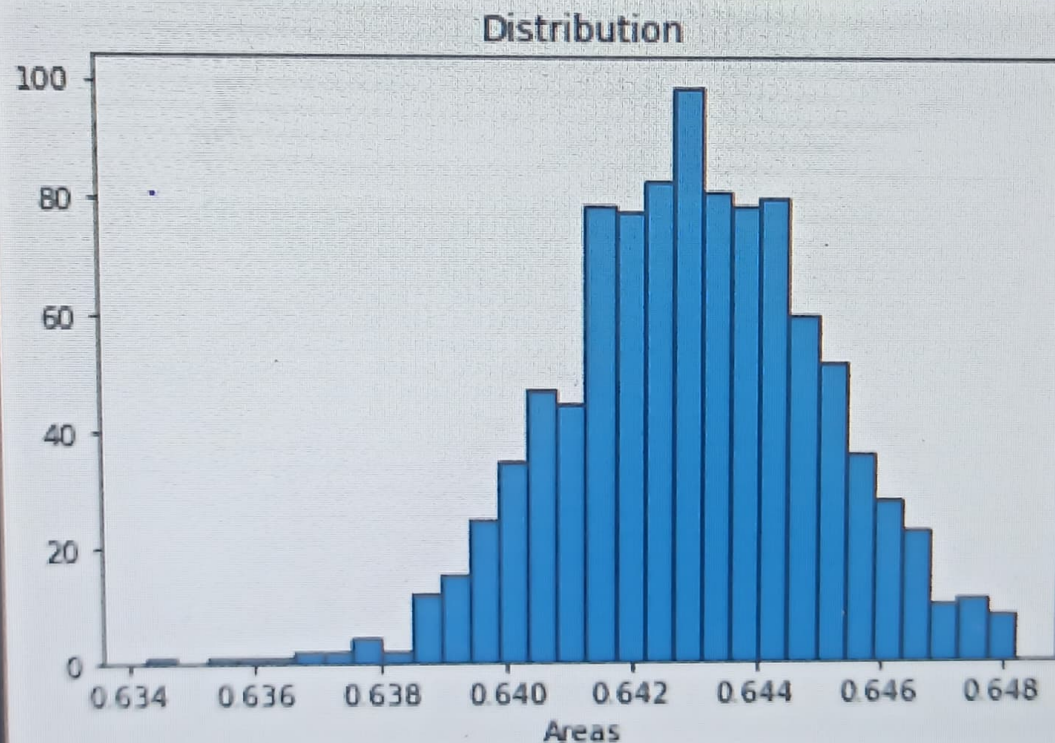
Enter the door you want to choose (a b c or d): a

Do you want to switch the door (s) or keep it (k): s

Probability of winning is: 0.3705

The monty carlo integration of $\sqrt{\sin(x)}$ is 0.6392223310850462

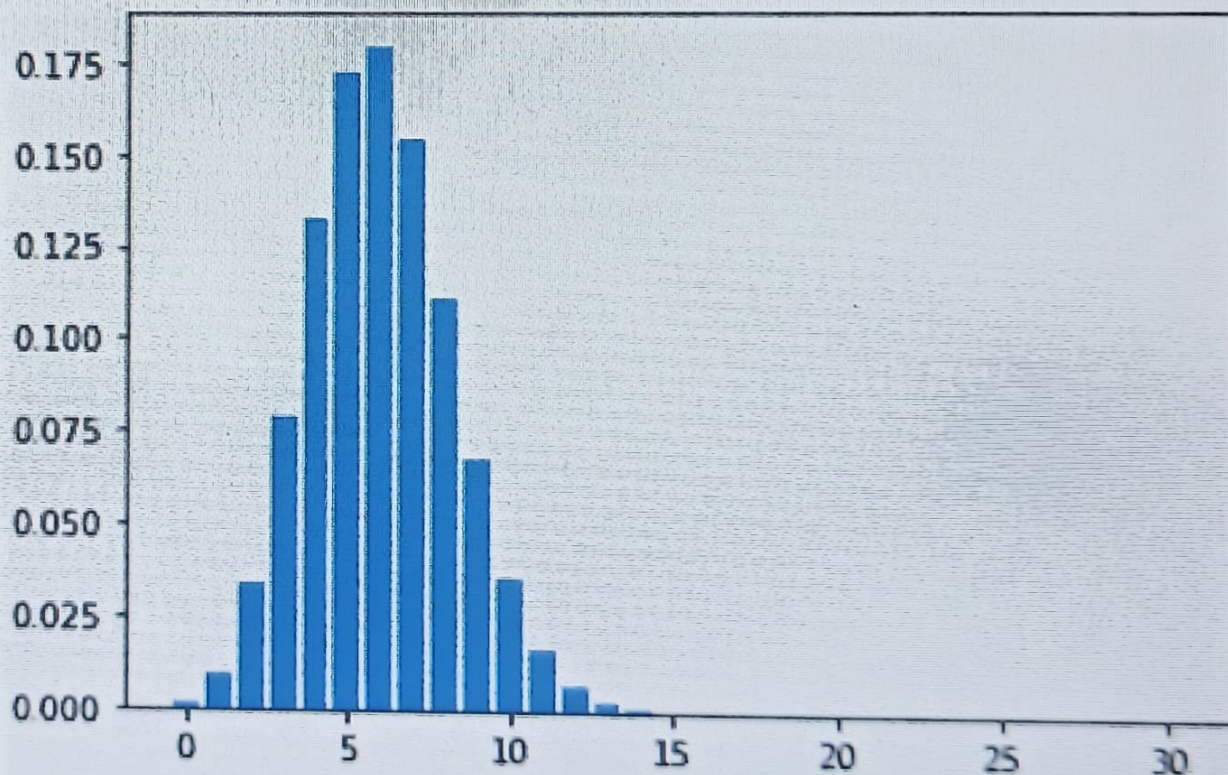
For watching the histogram, type "watch", otherwise Enter: watch

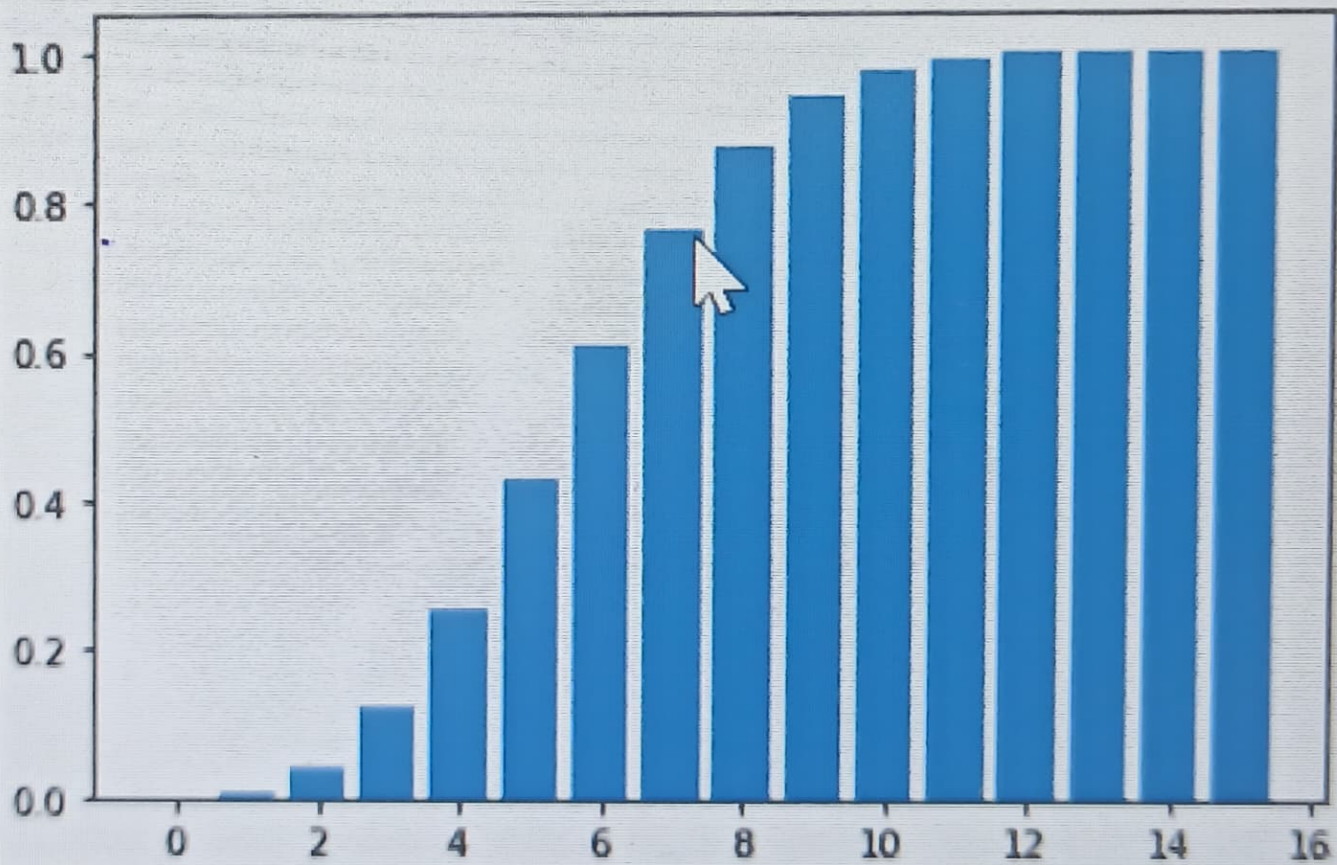


Enter number of trials (n): 30

Enter number whose cdf you want to find (k): 15

Enter probability (p): 0.2



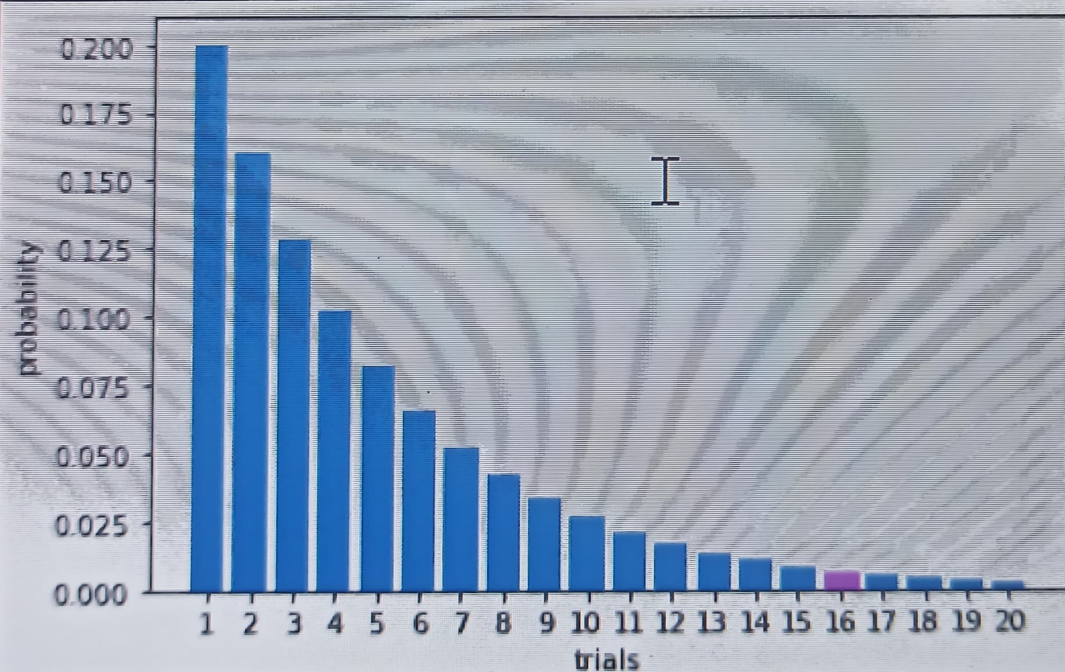


Enter number of trials (n): 20

Enter probability (p): 0.2

Enter the number you want to check the pmf of in the histogram (n0): 16

Enter number whose cdf you want to find (k): 16



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
trials

