Question 2

* create a datframe with 10rows on random numbers and 4 columns label column as a.b,c,d bar-chart

from numpy.random import randn,randint

x = pd.DataFrame(randn(10,4),columns=['a','b','c','d'])

x

OUTPUT:

A B C D

|  |
| --- |
| 0 0.304661 1.057498 0.979778 1.198166 |
| 1 -0.694945 0.257042 0.705678 -0.639310 |
| 2 -1.189576 0.568693 -1.085358 0.312481 |
| 3 1.403816 -0.193501 -0.801525 -0.495493 |
| 4 -0.766060 0.006719 -1.019919 -0.855330 |
| 5 1.719936 1.244593 1.314254 1.258787 |
| 6 -0.553627 0.427338 -0.405053 -0.303345 |
| 7 -1.227187 2.374156 -0.142301 0.799344 |
| 8 0.506768 -0.721101 -0.128767 -0.290536  9 -0.863833 1.916958 -1.005594 -0.617665 |
|  |

plt.bar(x.a,x.b,width=0.2)

plt.

