**مجموعة تمارين 1 احتمالات**

 **1-**show that P(X) is p.m.f and drow it

P(X)={ X/ 10 x=1,2,3,4

 0 o.w

2- let the random variable x have p.m.f

 2K X=0

P(X) = K X=1

 3K X=2

 Deter mine the value of constant k ,drow figure

Find p(x=1),p(x>1),p(x=1/2 ),p(0<x<2),p(x$\geq $1)