```
Date:
I ~ Wais) ace
a=0.5-
D[X] = 0.2
Huimu:
E[X] -
 Pewerue;
KNU(a,B) ach
VD[X] = (1-a)2 <>
€ (6-a)2 = 12 D[X]€ 6-a = ± [12 D[X]
 ac6 ( ) 6-070
 6-a= [201x]= [340[x]=2[30[x]=>6= a+2[30[x]
 E[X] = \frac{a+6}{2} = \frac{1}{2} \left[ a + u + 2\sqrt{3D[X]} \right] = \frac{1}{2} \left[ 2a + 2\sqrt{3D[X]} \right] =
 = Q+ [3D[I]
 q=0.5=\frac{5}{10}=\frac{1}{3}
 D[X]-02= ====
  6= a+2 [3D[X] = 13+2 ]=
                                   € 2.05
  E[X] = a+ \( \bar{3} \) D[X] = \frac{1}{2} + \( \bar{3} \) \( \bar{2} \)
           R= a+2 [3D[X] ~ 2.05
 Owhen:
             E[X]= 9+ [30[X] 41.27
```