- DIF x dentates the sum of the numbers obtained when a dices are thrown obtain an Upper bound for PSIX-71>33, cois 35 and compare this value with an exact probability.
 - 2) A fair blice is tossed 600 times. Use Theby -cheff chequality to find a lower bound for the probability of getting 80 to 120 sixes.
 - 3) A random Variable x has pdf :\$\formall (x) = e^x; x >0.

 Use The bycheff's inequality to show that

 P[1x-11>1] = 4, and show light the actual

 Probability is e3.