

LOTTERY SIMULATION: PROFIT OR LOSS 01

What's the matter? You look worried, yeah i have to share something with you. Ok i have this brother of mine who gambles a whole lot and i have tried convincing him several times not to do i mean not to continue in that path but he never listens to me and he feels he is earning the whole lot of them but i force him that he lose everything one day that is really bothering me. So what kind of gambling is that? Ok, let me explain and that is a system of ten units and he bets on one unit if he wins then he will get the all nine units but if he loses then its, its little less but that is you invest hundred rupees, yes and if you win you get nine hundred if you lose you lose the hundred rupees, yeah precisely actually deceptive yeah you feel as though you can make a lot of money yeah that's why he is feeling he is not loosing but i force that he is, you tried counselling him? Yeah i tried several times i have told them but he never gives an ear to it, ok. So what else can be done? That's what i am thinking i tried to see i am trying to seek your help for it, can is it possible that we can simulate this through a computer? Ok so you want to see whether, whether you can simulate the process of wining or loosing yeah in a game of gambling yeah and you want to see whether one can become rich or one undergo very losses, yes precisely i you see he is educated so if you help me with this i can assure to him that see you are not in the right path and this is what actually happening, i think this is possible but this is popularly called the gamblers rule in problem probability but that aside you want to see if we can simulate the enter process of gambling and try to figure out if someone can even win or not, of course we will win a few times, we will lose a lot of times let's say we play here for one year's time three sixty five days we would like to see whether we make a lot of money or not right? yes very good so what i will do, i will try to help you out with the simulation i will even give you the plots, ok on what happens if you keep playing for the next few days, months, years ok and the inference is starling enough to make your educated brother stop gambling yeah let's try our best though i cannot guarantee that he will stop gambling because gambling is a disease its very tough to people to come out of it but with proper counselling and making people understand the math behind it they might get convince that they will go back upraise oh! If you do that with the computer i will be really grateful should be possible let's try, i cannot guarantee you but i can tell you that once can be hopeful because with proper counselling you can ensure that you can make any educated person understand gambling don't work.