**ASSIGNMENT-1**

21MAT117  
MATHEMATICS FOR INTELLIGENT SYSTEMS-II

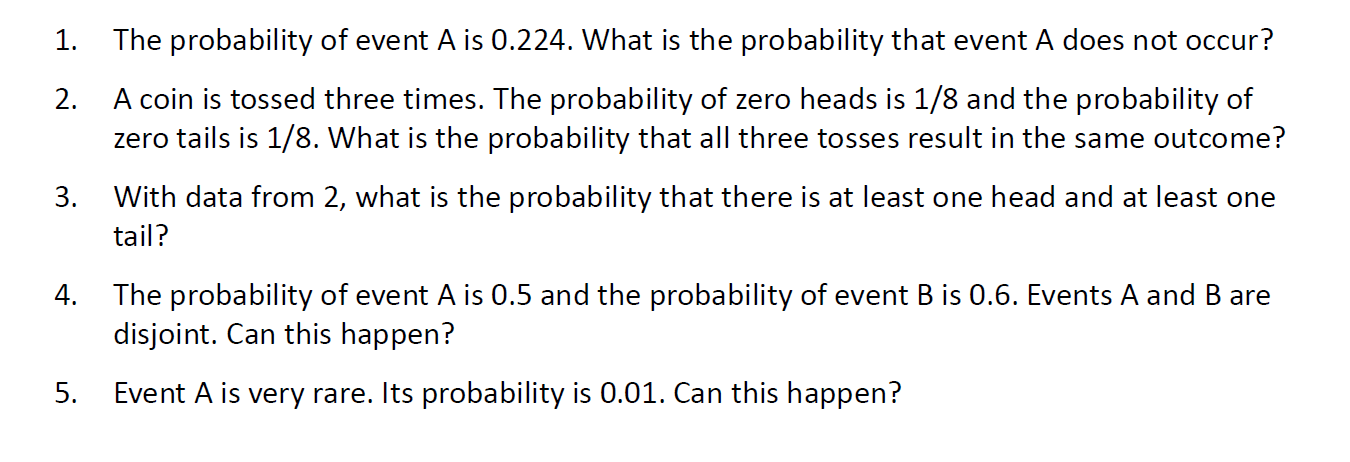
Professor  
Dr. Nimal Madhu

Submitted BY: -

Vikhyat Bansal [CB.EN.U4AIE21076]



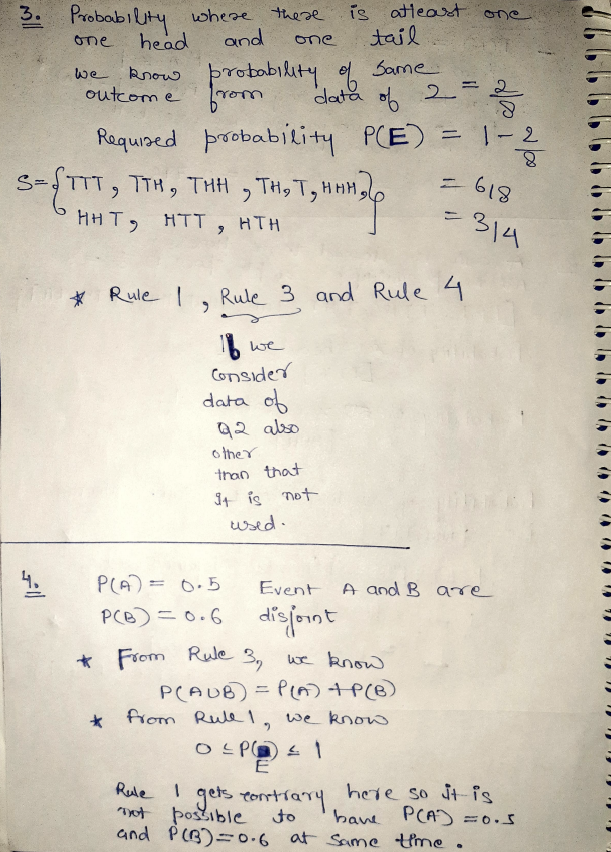
EXERCISE  
For each of the following situations, state the probability rule or rules that you would use and apply it or them. Write a sentence explaining how the situation illustrates the use of the probability rules.



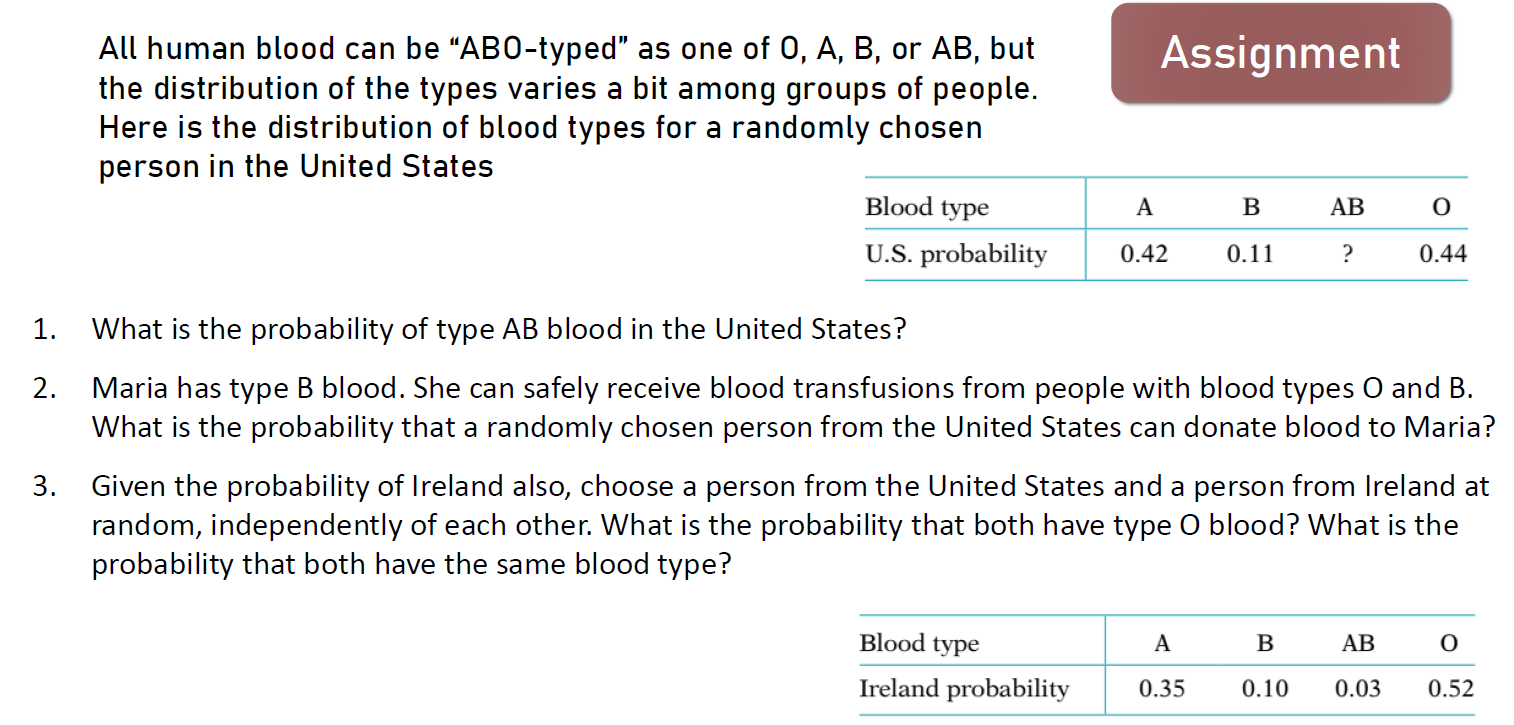
Ans.



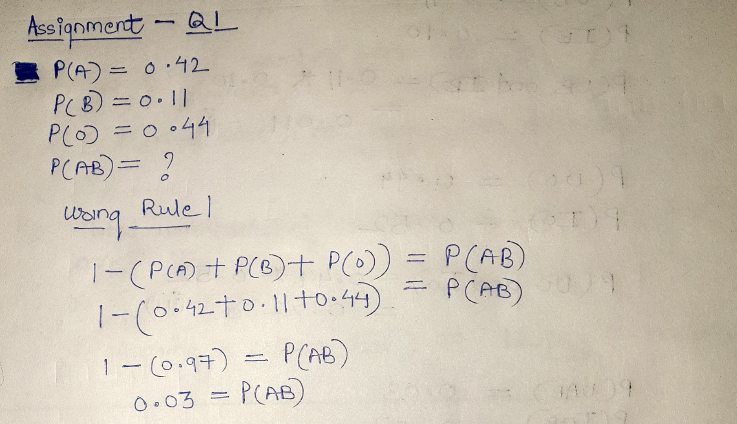




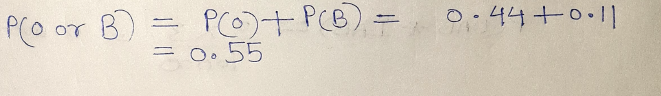
A).



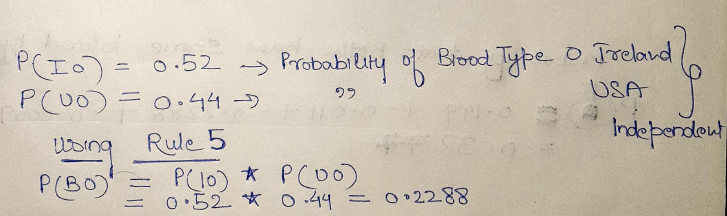
1.)

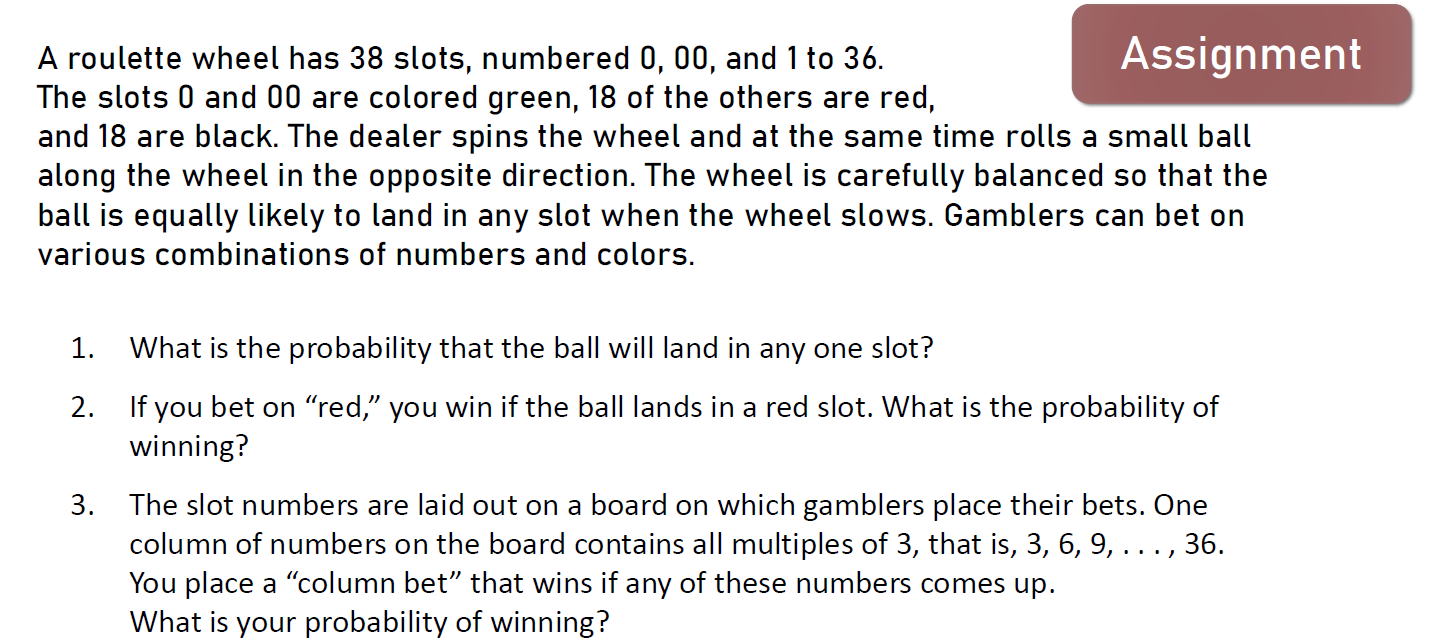


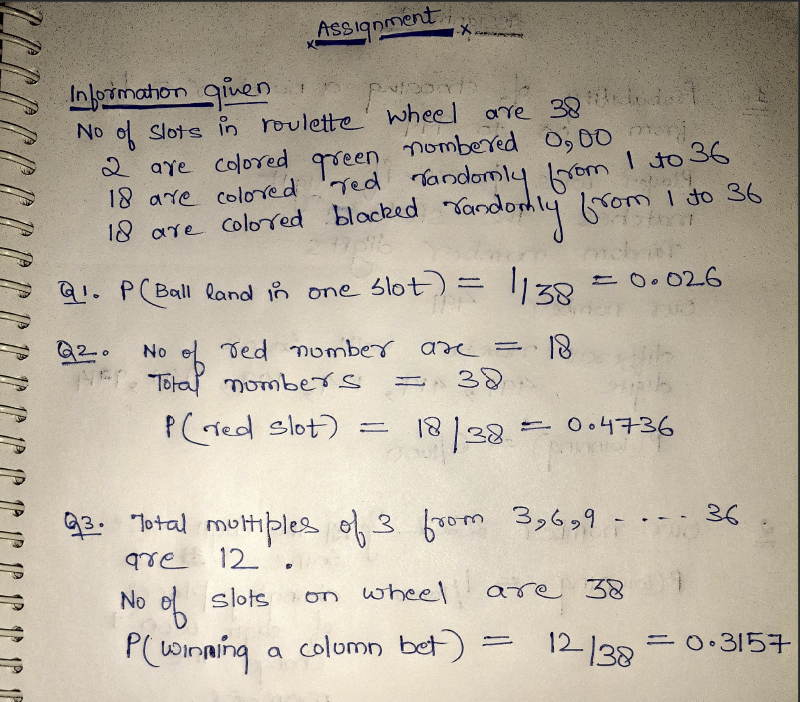
2.)



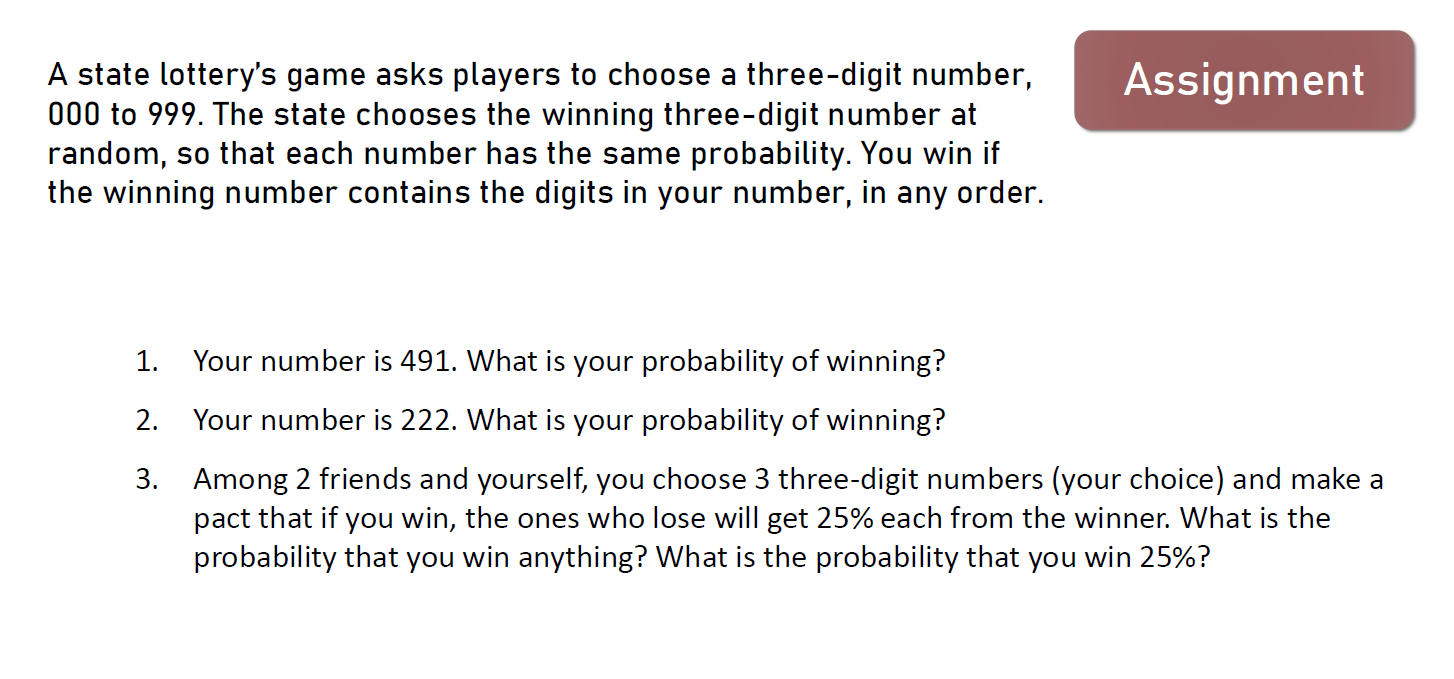
3.)

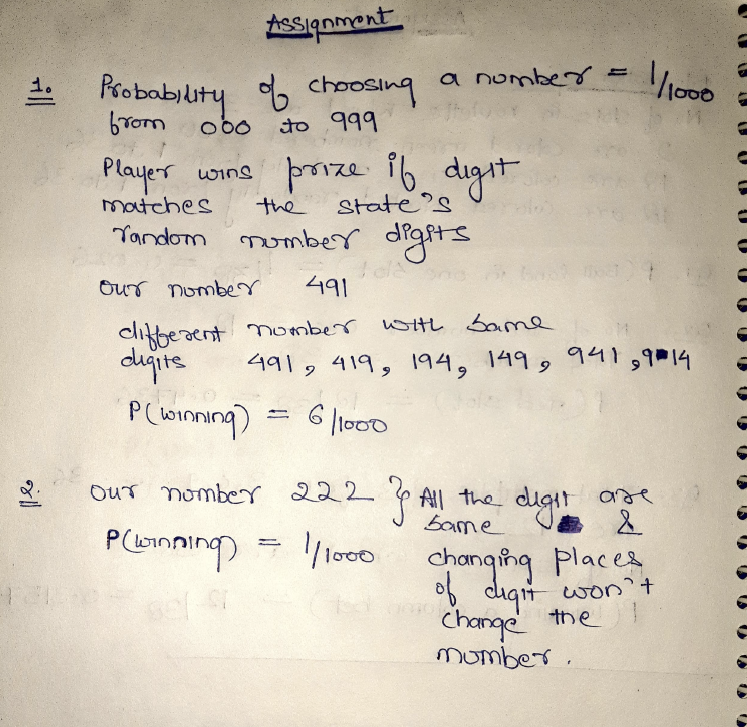


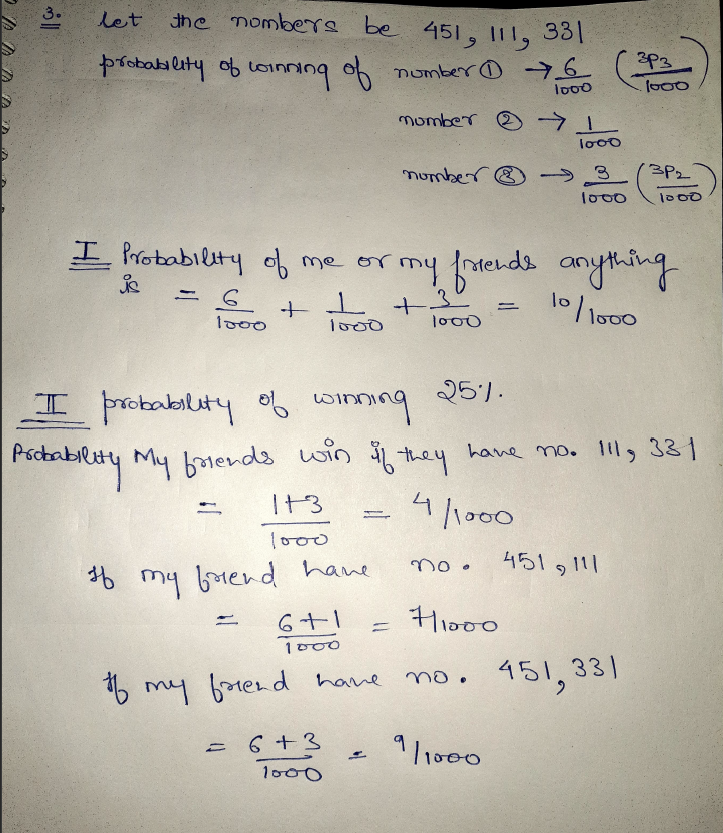
B.) 



C.)







**THANK YOU**