In this project we will calculate the Cumulative Distribution Function (CDF) of $\mathrm{X} 1, \mathrm{X} 2, \mathrm{X} 3, \mathrm{X} 4$, Arrange them in the table.Using the distribution function, we will be able to calculate the probability of a maximum of 30 cars arriving per minute from each direction. Calculate the variance of the number of cars arriving per minute from each direction. Based on the table and relationships shown

