Simulation Assignment 7 DOWE implement Rondow Walk with 9 being the multivariate varied distribution. Even though the tails are this, it will not be a problem for Roudlan Walk The algorithm is implemented as in the default conse, there is nothing fancy going on here (b) Like wentioned before Normal has thin tails so it won't be a good proposal function for Independent Metropolis We choose the hultivariate Laplace to be the proposal distribution, but because its complicated are take each composer from the basic toplace distribution. Then, the formula the ratio is: 7(Y).9(X1).9(X2), where q is the bosic P(X) .9(Y1) .9(Y2) After both algorithms are complete me plot a QU-Plot (for X1 and 48 to prove that both algorithms have samples from the same distribution 9: 91: Normal 92: Unitorn Extans, x+0.005] ors a proposal distribution and the rest of the algorithme ((\$ (5 D For the same reasons as mentioned in 1 1 the Nama & distribution with Laplace In this case 4 L will do it only for I component suce for the other we will maintain the Uniform Ð -11-