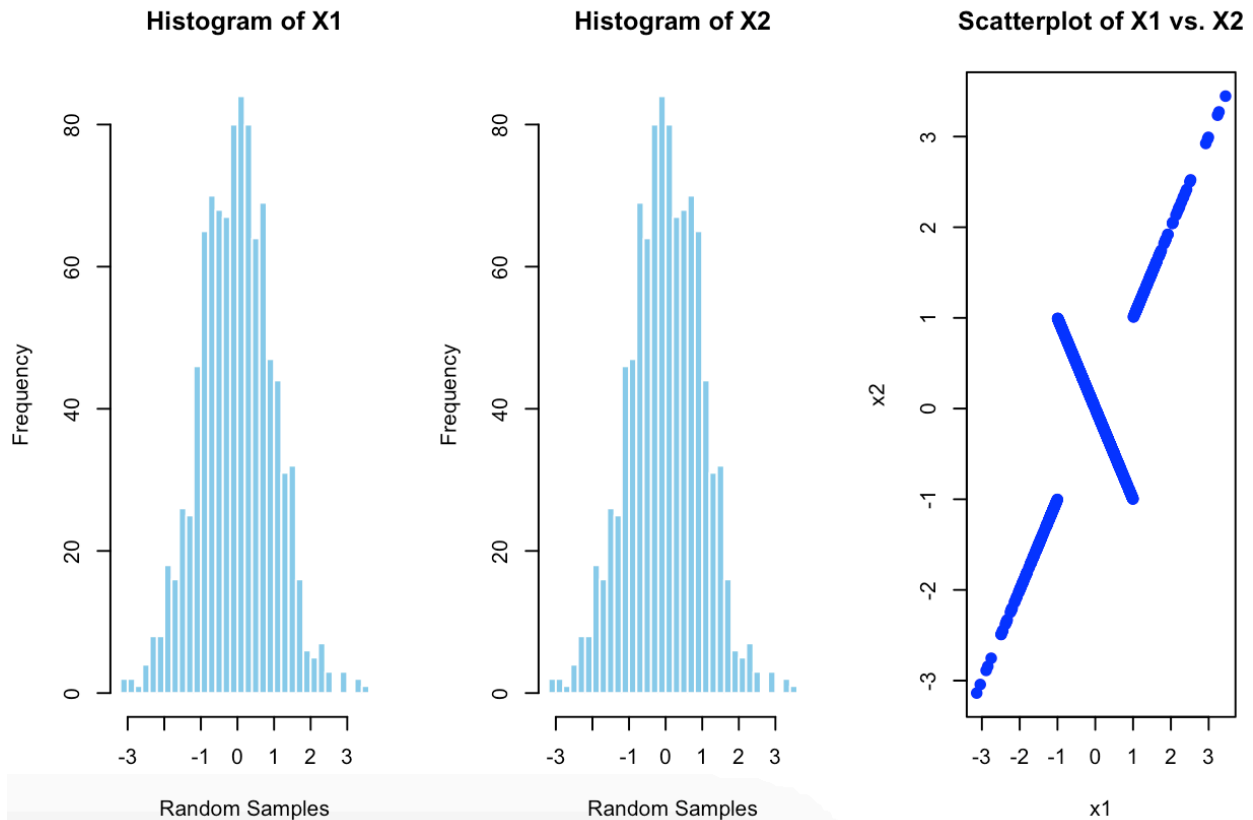


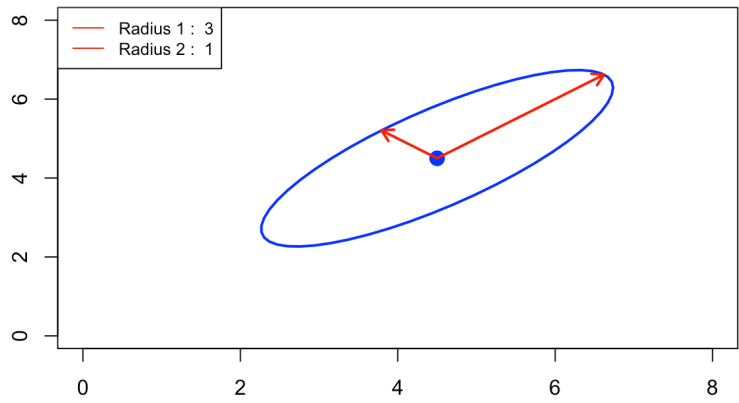
Question 2:

We can see from the graphs below that both marginal distributions are normally distributed. However, the joint distribution is not normal. The implication from this is that if you just look at the marginal distributions, you may mistakenly assume that the data is normal together, when they actually are not.

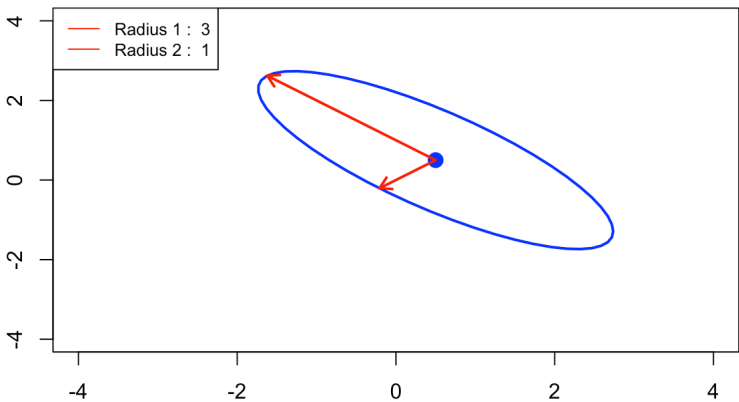


Question 3:

Matrix 1



Matrix 2



Matrix 3

