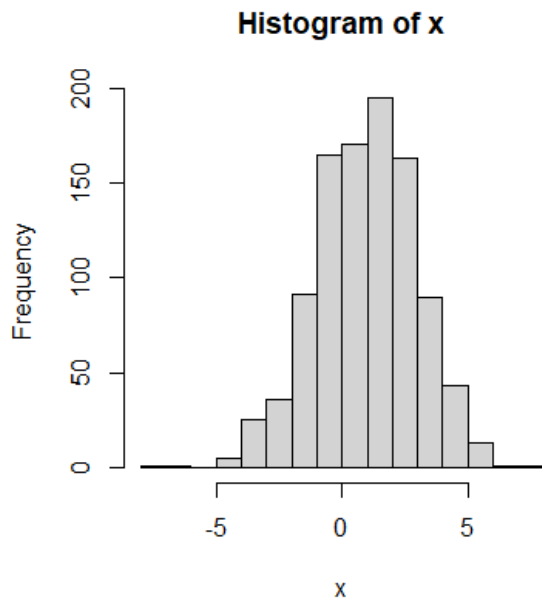
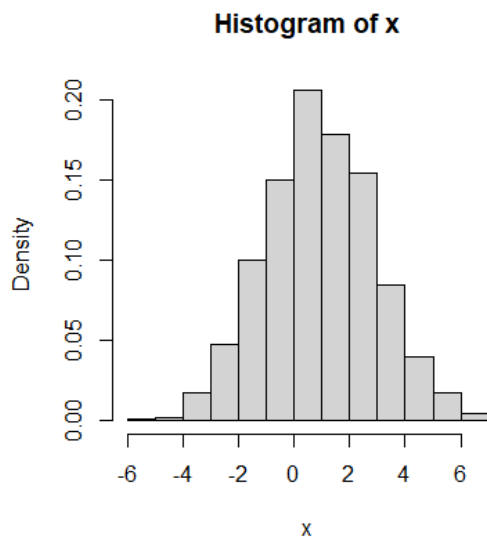


Prac 5

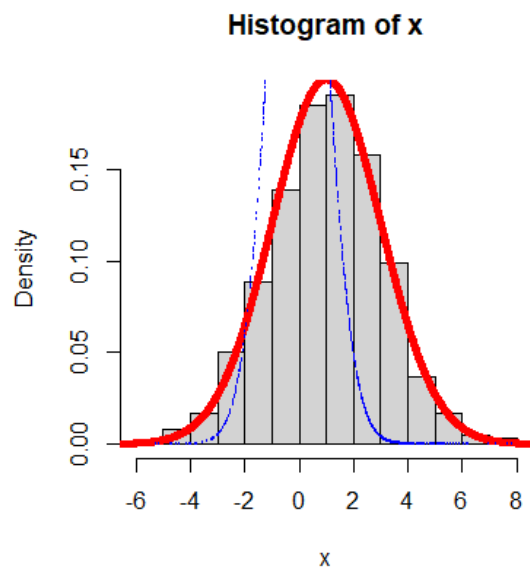
Question 1: Generate 1000 values from a $N(1, 2)$ distribution and summarise these in a histogram.



Question 2: Change the histogram so that density and not frequency is shown on the y-axis.



Question 3: Calculate the true $N(1, 2)$ density over the domain of $N(1, 2)$ and plot this on top of the histogram using a thick red line. Bonus - plot density graph of x in blue.



Comments: all graphs are clear. To improve add headings and aesthetic details