Questions for Sample R Session

Download R and answer the following questions based on the Sample R Session.

1. Give exp(1) to 4 decimal places.
2. Give mean(x) and sd(x) for the 50 standard normal random variables.
3. In sorting the values of x, what is the smallest value for x? the largest?
4. Explain what the following commands do in a plot
   1. "h"
   2. "l"
   3. "s"
   4. "b"
5. Describe seq(25,1,-1), rep(0,25).
6. Give the top row of the matrix A.
7. Give the second, third and fourth columns of the matrix A.
8. Describe what barplot(data) shows.
9. What does abline do?
10. Describe table(fair) and table(biased). What do you think that this command is doing?
11. Describe curve(dnorm(x),-3,3).
12. Describe the shape of the parameterized curve?

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