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First, we generate 10000 uniform random variables and convert them into $\exp(2)$ using the commands:

```
uni10000 <- runif(10000)
ex10000 <- -0.5*log(uni10000)
```

To make plotting easier, we execute the command:

```
s <- seq(0, max(ex10000)+0.5, 0.1)
```

Finally, we draw the plots using:

```
hist(ex10000, breaks=s, freq=FALSE)
lines(s[-1]-0.05, dexp(s-0.05, 2)[-1], col="blue")
```

