

#1

```
n <- 4+20
```

```
b <- sapply(seq(n,n,len = 1000),rnorm)
```

```
avg <- apply(b,2,mean)
```

#2

```
#histogram
```

```
h <- hist(b[seq(1,1000,by = 100)], border = "#00abff", col = "#ffabaf")
```

```
ha <- hist(avg,border = "#00abff", col = "#ffabaf")
```

#3

```
#violin
```

```
qplot(x=0,geom="violin",b[seq(1,1000,by = 100)], col = "#ffabaf")
```

```
qplot(x=0,geom="violin",avg, col = "#ffabaf")
```

#4

```
#qq
```

```
qq <- qqnorm(b[seq(1,1000,by = 100)],border = "#00abff", col = "#ffabaf")
```

```
qqa <- qqnorm(avg,border = "#00abff", col = "#ffabaf")
```

#5

```
#boxplot
```

```
box <- boxplot(b[1:n,seq(1,1000,by = 100)],border = "#00abff", col = "#ffabaf")
```

```
boxa <- boxplot(avg,border = "#00abff", col = "#ffabaf")
```