```
R version 3.3.3 (2017-03-06) -- "Another Canoe"
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Platform: x86_64-apple-darwin13.4.0 (64-bit)

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  Natural language support but running in an English locale

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Type 'demo()' for some demos, 'help()' for on-line help, or
'help.start()' for an HTML browser interface to help.
Type 'q()' to quit R.

During startup - Warning messages:
1: Setting LC_CTYPE failed, using "C"
2: Setting LC_COLLATE failed, using "C"
3: Setting LC_TIME failed, using "C"
4: Setting LC_MESSAGES failed, using "C"
5: Setting LC_MONETARY failed, using "C"
[R.app GUI 1.69 (7328) x86_64-apple-darwin13.4.0]

WARNING: You're using a non-UTF8 locale, therefore only ASCII characters will work.
Please read R for Mac OS X FAQ (see Help) section 9 and adjust your system preferences accordingly.
> small.size.dataset=c(91,49,76,112,97,42,70, 100, 8, 112, 95, 90, 78, 62, 56, 94, 65, 58, 109, 70, 109, 91, 71, 76, 68, 62, 134, 57, 83, 66)
> dataset=c(91,49,76,112,97,42,70, 100, 8, 112, 95, 90, 78, 62, 56, 94, 65, 58, 109, 70, 109, 91, 71, 76, 68, 62, 134, 57, 83, 66)
> dataset
 [1]  91  49  76 112  97  42  70 100   8 112  95  90  78  62  56  94  65  58 109  70 109  91  71  76  68  62 134  57  83  66
> print(dataset)
 [1]  91  49  76 112  97  42  70 100   8 112  95  90  78  62  56  94  65  58 109  70 109  91  71  76  68  62 134  57  83  66
> summary(dataset)
   Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
   8.00   62.75   76.00   78.37   94.75  134.00
starting httpd help server ... done
> hist(datase)
Error in hist(datase) : object 'datase' not found
> hist(dataset)
> hist(dataset,xlab='x',ylab='histogram')
> hist(dataset,xlab='x',main='histogram')
> hist(dataset, xlab='My data points', main='Histogram of my data', freq=F, col='green')
> lines(density(dataset), col='red', lwd=5)
> hist(small.size.dataset, xlab='My data points', main='Histogram of my data', freq=F, col='green',breaks=10)
> lines(density(small.size.dataset), col='red', lwd=5)
>
>
> ##scatter plotting
> set.seed=2016
> test_1_scores=round(rnorm(50,78,10))
> test_2_scores=round(rnorm(50,78,14))
> test_1_scores
 [1]  65  83  90  81  73  82  98  76  81  73  83  91  84  81  81  85  73  67  88  84  71  73  69  84  84  79  71  74  59  76  90  77  75  81  77  68  76
[38]  75  72  71  92  84  73  72 100  61  68  77  71  72
> plot(test_2_scores~test_1_scores)
> plot(test_2_scores~test_1_scores,main='Test scores for two exams (50 students)', xlab='Test_1_scores', ylab='Test 2 scores')
>
```