Solutions:

(1)
```
>(1+2+3+4+5)/5
> 3
> sum_sq_dev = (1-3)^2 + (2-3)^2 + (3-3)^2 +
(4-3)^2 + (5-3)^2
> mean_sq_dev = sum_sq_dev/5
> sqrt(mean_sq_dev)
> 2
> mean(c(1, 2, 3, 4, 5))
> 3
> sd(c(1, 2, 3, 4, 5))
> 1.581139
```