

## Solutions:

- (1) Loading the data.
- (2) `AreMen=Health$sex==" male"`
- (3) `Short=Health$height < 60`
- (4) (Two solutions)
  1. `ShortMen= AreMen & Short`
  2. `ShortMen=Health$sex==" male" & Health$height < 60`
- (5) Counts:  
`sum(ShortMen, na.rm=TRUE)`  
Proportion:  
`mean(ShortMen, na.rm=TRUE)`
- (6) `>MenSmoker=Health$sex == " male" & Health$smoke100 == " Yes"`  
`>WomenNonsmoker=Health$sex==" female" & Health$smoke100==" No"`  
`>Answer=MenSmoker | WomenNonsmoker`