calculateBMI <- function(weight, height) {

return((weight / (height \* height)) \* 703)

}

bmiToLabel <- function(bmi) {

#very severely underweight= <15

# severely underweight=<16.0

#underweight =<18.5

# normal (healthy weight) =<25

#overweight =<30

#obese class I( moderately obese) =<35

#obese classII (severely obese)=<40

#obese classIII (very severely obese) >40

if(bmi<15){return("very severely underweight ")}

if(bmi<16){return("severely underweight")}

if(bmi<18.5){return("underweight")}

if(bmi<25){return("normal(healthy weight)")}

if(bmi<30){return("overweight")}

if(bmi<35){return("obese class I (moderately obese)")}

if(bmi<40){return("obese classII (severely obese)")}

if(bmi>40){return("obeses class III (very severely obese")}

}

> #example

calculateBMI(66,163)

[1] 1.746321

bmiToLabel(1.746321)

[1] "very severely underweight "