**Prob1 Solution:**

> num <- c(103,82,179)

> tpn <- function(prime.num){

+

+ if(prime.num==2){

+ print("PRIME")

+ } else {

+

+ if(prime.num%%(2:(prime.num-1))!=0){

+ print("PRIME")

+

+ } else {

+ print("NOT PRIME")

+

+ }}}

> lapply(num,tpn)

**Prob2 Solution:**

a <- c("above","unit","under")

for(i in 1:length(a)){ if(grepl("a & u" , a) == TRUE){ print("present")}else{print("not present")}}