1.R PROGRAM TO CHECK LEAP YEAR

year = as.integer(readline(prompt="Enter a year: "))

if((year %% 4) == 0) {

if((year %% 100) == 0) {

if((year %% 400) == 0) {

print(paste(year,"is a leap year"))

} else {

print(paste(year,"is not a leap year"))

}

} else {

print(paste(year,"is a leap year"))

}

} else {

print(paste(year,"is not a leap year"))

}