eadinteger <- function() {

n <- as.integer(readline(prompt = "Enter value of k-1: "))

# Check if the file exists

file\_path <- "C:/Users/student/Desktop/Shingles/shingles.txt"

if (!file.exists(file\_path)) {

print("Error: File not found.")

return(NULL)

}

# Read the file using a connection

con <- file(file\_path, open = "r")

lines <- character(0)

# Read lines and handle incomplete lines

while (length(line <- readLines(con, n = 1)) > 0) {

# Check for incomplete lines and skip them

if (length(line) > 0) {

lines <- c(lines, line)

}

}

close(con) # Close the file connection

if (length(lines) == 0) {

print("Error: The file is empty.")

return(NULL)

}

Shingle <- c()

for (i in 1:(nchar(lines) - n + 1)) {

Shingle <- append(Shingle, substr(lines, start = i, stop = i + n - 1))

}

print(Shingle)

}

# Call the function

readinteger()