AGNES CLUSTERING

CODE:

# Load the required library

library(cluster)

# Read the dataset

data <- read.csv("C:/Users/sriva/OneDrive/Desktop/ObesityDataSet.csv")

# Select only the numeric columns for clustering

numeric\_data <- data[, c("Age", "Height", "Weight", "FCVC", "NCP", "CH2O", "FAF", "TUE")]

# Scale the numeric data

scaled\_data <- scale(numeric\_data)

# Perform AGNES clustering

agnes\_fit <- agnes(scaled\_data, method = "complete")

# Print cluster results

print(agnes\_fit)

# Visualize dendrogram

plot(agnes\_fit, which.plots = 2)