20. Assume the Tennis coach wants to determine if any of his team players are scoring

      outliers. To visualize the distribution of points scored by his players, then how can he

      decide to develop the box plot? Give suitable example using Boxplot visualization

      technique.

PROGRAM:

# Load necessary library

library(ggplot2)

tennis\_scores <- data.frame(

Player = c("Player1", "Player2", "Player3", "Player4", "Player5",

"Player6", "Player7", "Player8", "Player9", "Player10"),

Score = c(15, 20, 35, 40, 25, 30, 110, 28, 33, 22) # Outlier at 110

)

ggplot(tennis\_scores, aes(y = Score)) +

geom\_boxplot(fill = "lightblue", color = "darkblue", outlier.color = "red") +

labs(title = "Boxplot of Tennis Players' Scores", y = "Score") +

theme\_minimal()

OUTPUT:

