11.Suppose that the data for analysis includes the attribute age. The age values for the data tuples are (in increasing order) 13, 15, 16, 16, 19, 20, 20, 21, 22, 22, 25, 25, 25, 25, 30, 33, 33, 35, 35, 35, 35, 36, 40, 45, 46, 52, 70.Can you find (roughly) the first quartile (Q1) and the third quartile (Q3) of the data?

PROGRAM:

ages <- c(13, 15, 16, 16, 19, 20, 20, 21, 22, 22, 25, 25, 25, 25, 30,

33, 33, 35, 35, 35, 35, 36, 40, 45, 46, 52, 70)

Q1 <- quantile(ages, 0.25)

Q3 <- quantile(ages, 0.75)

cat("First Quartile (Q1):", Q1, "\n")

cat("Third Quartile (Q3):", Q3, "\n")

OUTPUT:

