5.Make a histogram for the “Air Passengers “dataset, start at 100 on the x-axis, and from values 200 to 700, make the bins 150 wide. give r code and output .

PROGRAM:

data("AirPassengers")

passenger\_counts <- as.numeric(AirPassengers)

breaks <- c(100, seq(200, 700, by = 150))

hist(passenger\_counts, breaks = breaks, main = "Histogram of AirPassengers",

xlab = "Number of Passengers", ylab = "Frequency", col = "lightblue", border = "black")

OUTPUT:

