**INPUT:**

#Set lambda to 3(max complaints per week)

lambda <- 3

#Generate a sequence of possible complain counts (0-3)

complaint\_counts <- 0:3

#Calculate the possibilities for each count using the poisson distribution

probabilities <- dpois(complaint\_counts,lambda)

#print the probabilities

print(probabilities)

**OUTPUT:**

> print(probabilities)

[1] 0.04978707 0.14936121 0.22404181 0.22404181