trial <-10000  
lambda<-5  
time<-120  
simulationlist<-numeric(trial)  
for(i in 1:trial){  
N<-rpois(1,lambda\*time) # N is the number of customers in the restaurants in 2 hours  
errr<-runif(N,0,120)  
arrivals<-sort(errr)  
spends<-rexp(N,1/40)  
T<-arrivals+spends  
simulationlist[i]<-sum(T>120) # no of customers at 2 pm  
} m  
ean(simulationlist) # The required mean  
var(simulationlist) # The required variance