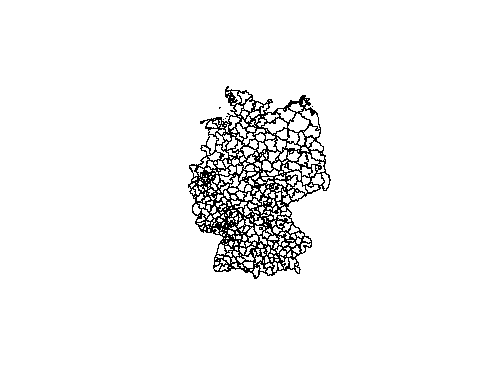
Task3-text

Lallu Nikerthil Prathapan

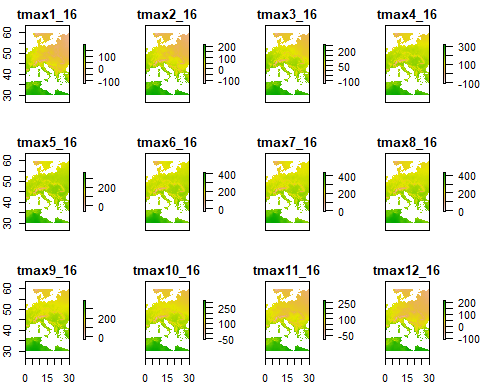
11/5/2021

install.packages(“Rmarkdown”)

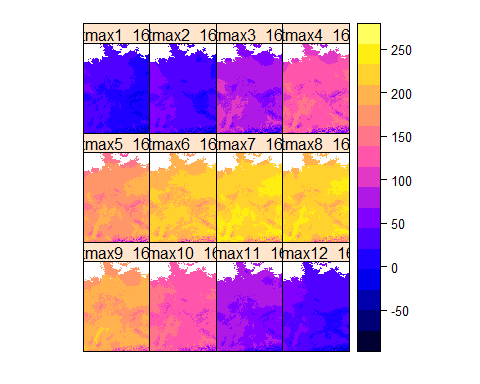
#Average monthly maximum temperature of Germany for 12 months #tmin = average monthly minimum temperature (°C \* 10) install.packages(“raster”)

#Gets Germany administrative boundaries and plot it  #Gets the Average monthly maximum temp data from world clim and plot it

max\_tem<- getData("worldclim",var="tmax",res=.5,lon=10,lat=51)  
plot(max\_tem)

 #crops max\_tem to the extend of germany

max\_tem1 <-crop(max\_tem,germany)  
spplot(max\_tem1)

 #Masks max\_temp to the shape of Germany

max\_tem2 <-mask(max\_tem1,germany)  
spplot(max\_tem2,main="Average monthly Maximum temperature of germany for 12 months")

