

# Task2-pdf

Lallu Nikerthil Prathapan

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```
install.packages('tinytex') tinytex::install_tinytex()  
#Average monthly minimum temperature of India for 12 months install.packages("raster")
```

```
library(raster)
```

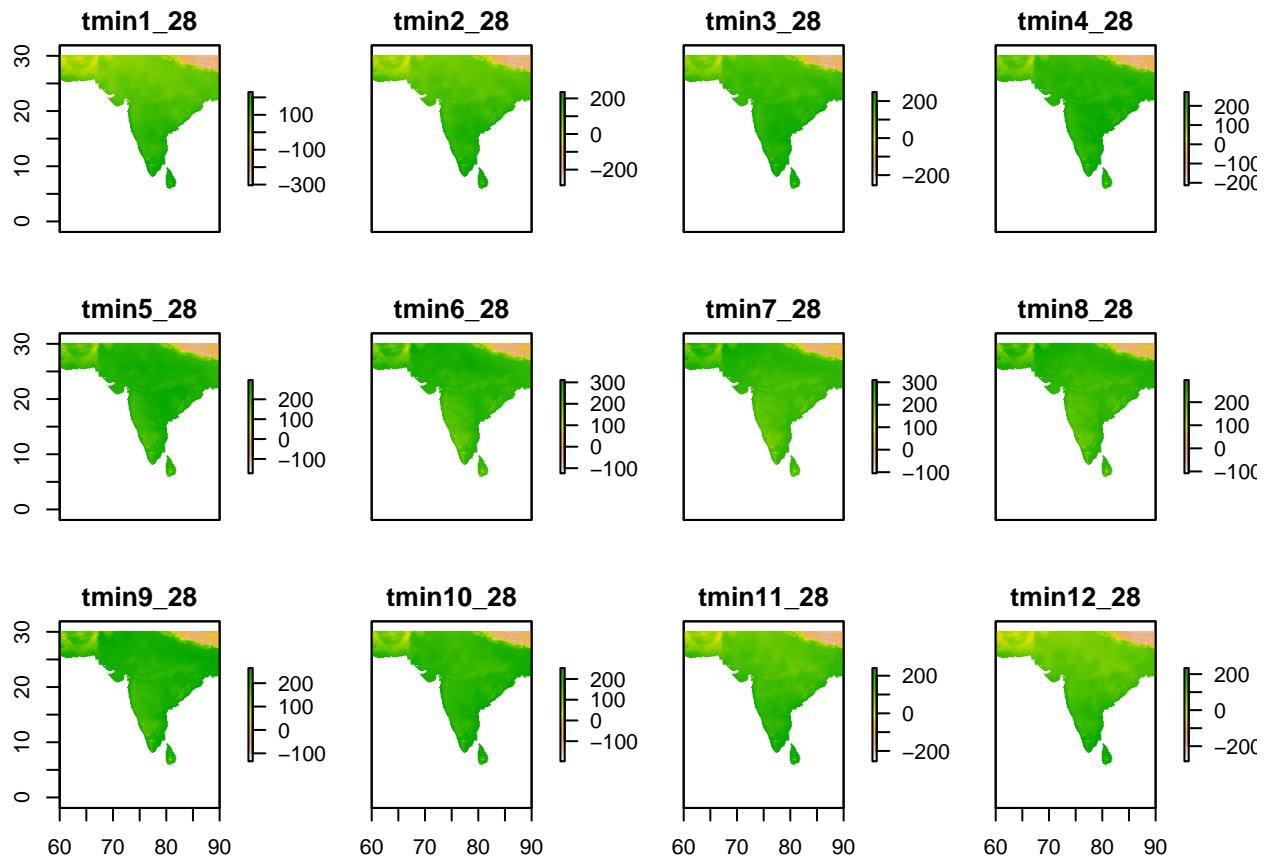
```
#Gets India's administrative boundaries and plot it
```

```
india<- getData("GADM",country="IND", level=2)  
plot(india)
```



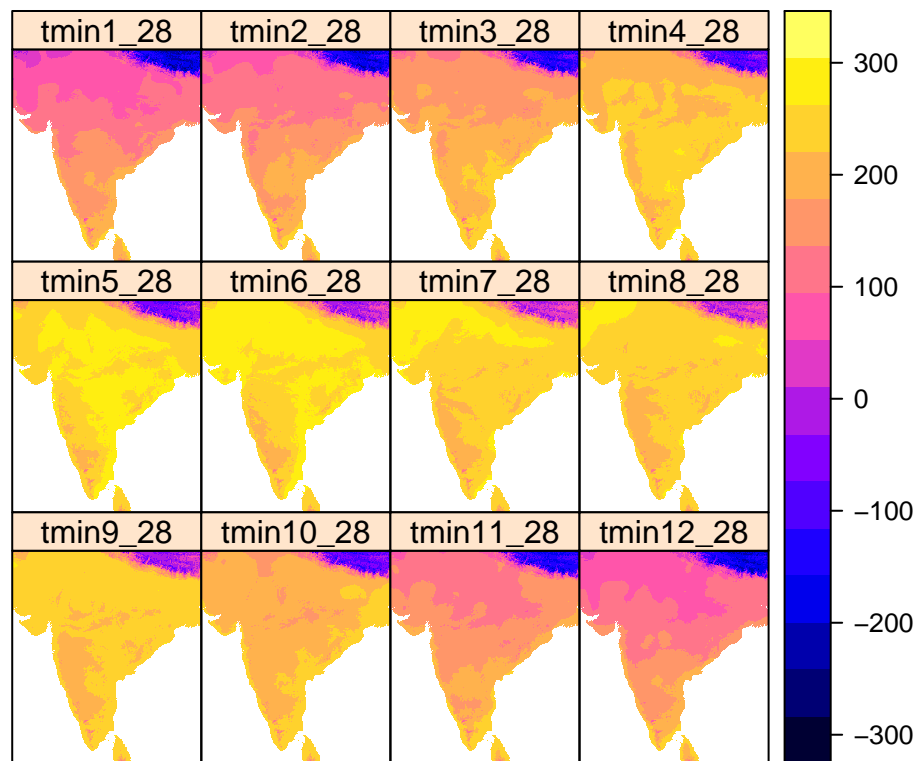
```
#Gets the Average monthly minimumm temp data for india from world clim and plot it
```

```
min_temp <- getData('worldclim',var='tmin',res=.5,lon=78,lat=21)
plot(min_temp)
```



```
#crops min_tem to the extend of India
```

```
min_temp1 <- crop(min_temp,india)
spplot(min_temp1)
```



#Masks min\_temp to the shape of India

```
min_temp2 <-mask(min_temp1,india)
spplot(min_temp2,main="Average monthly Minimum temperature of India for 12 months")
```

## Average monthly Minimum temperature of India for 12 months

