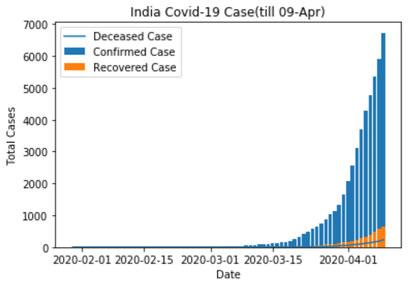
In [25]:
```
import pandas as pd
import matplotlib.pyplot as plt
import numpy as np
df=pd.read_excel("Downloads\CovidDateWise.xlsx")
```

In [46]:
```
conform=df['Confirmed']
recover=df['Recovered']
decease=df['Deceased']
date=df['Date']
```

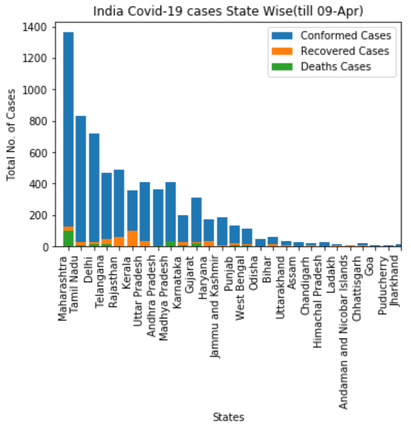
In [47]:
```
plt.bar(date,conform,label="Confirmed Case")
plt.bar(date,recover,label="Recovered Case")
plt.plot(date,decease,label="Deceased Case")
plt.title("India Covid-19 Case(till 09-Apr)")
plt.xlabel("Date")
plt.ylabel("Total Cases")
plt.legend()
plt.show()
```



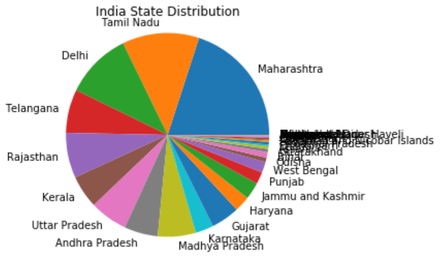
In [41]:
```
df1=pd.read_excel("Downloads\CovidStateWise.xlsx")
```

In [42]:
```
state=df1["State"]
confirm=df1["Confirmed"]
recover=df1["Recovered"]
death=df1["Deaths"]
active=df1["Active"]
```

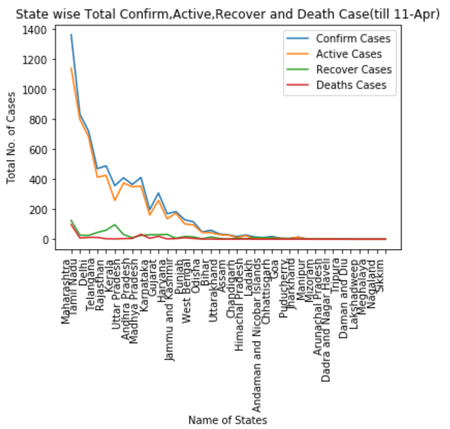
In [43]:
```
plt.bar(state,confirm,label="Conformed Cases")
plt.bar(state,recover,label="Recovered Cases")
plt.bar(state,death,label="Deaths Cases")
plt.title("India Covid-19 cases State Wise(till 09-Apr)")
plt.xlabel("States")
plt.ylabel("Total No. of Cases")
plt.legend()
plt.xticks(rotation=90,ha='right')
plt.xlim([-1,26])
plt.show()
```



In [44]:
```
plt.pie(confirm,labels=state)
plt.axis('equal')
plt.title("India State Distribution")
plt.show()
```



In [45]:
```
plt.plot(state,confirm,label='Confirm Cases')
plt.plot(state,active,label='Active Cases')
plt.plot(state,recover,label="Recover Cases")
plt.plot(state,death,label='Deaths Cases')
plt.xticks(rotation=90,ha='right')
plt.title("State wise Total Confirm,Active,Recover and Death Case(till 11-Apr)")
plt.xlabel("Name of States")
plt.ylabel("Total No. of Cases")
plt.legend()
plt.show()
```



In [ ]: