**Code:**

import pandas as pd  
import numpy as np  
from pandas import Series,DataFrame  
import seaborn as sb  
import matplotlib as mpl  
import matplotlib.pyplot as plt  
from scipy import stats  
  
df1=pd.read\_csv('FiveYearData.csv') #read the csv file  
print(df1)  
print(df1.duplicated().value\_counts())  
df2=df1[['continent','year','lifeExp']] #extract the needed columns from the dataset  
print(df2)  
  
df3=pd.pivot\_table(df2,index='continent',columns='year',values='lifeExp') #create a pivot table  
print(df3)  
  
sb.heatmap(df3,annot=True).get\_figure().savefig('HeatMap.png') #create a heatmap of the pivot table.

**Output:**



**Explanation.**

1. Read The dataset using read\_csv() of pandas.
2. Since the Data Set was very vast, I examined it to check if there are any duplicate values. Luckily, there were no duplicate values.
3. Extracted the requires columns(continent, year and lifeExp) from the dataset into a new dataset(df2)
4. Created a pivot table from that data frame (df2) with index=continent, columns=year and values=lifeExp.
5. Heatmap of the pivot table dataframe was plotted using headmap() function of seaborn.

**NOTE**- annot-denotes annotion.

1. The heatmap figure was saved as HeatMap.png.