```
#Plot using sns.relplot, line plot, box plot on fmri data set
 In [2]:
           import numpy as np
           import pandas as pd
           import seaborn as sns
           import matplotlib as mpl
           import matplotlib.pyplot as plt
           %matplotlib inline
 In [3]:
           fmri = sns.load_dataset('fmri')
           sns.relplot(x='timepoint', y='signal', kind='line', data=fmri)
 Out[3]: <seaborn.axisgrid.FacetGrid at 0x168a2ca0160>
             0.15
             0.10
          signal
             0.05
             0.00
            -0.05
                                            12.5 15.0 17.5
                       2.5
                                      10.0
                            5.0
                                  7.5
                                   timepoint
 In [4]:
           sns.lineplot(x='timepoint',y='signal',data=fmri)
 Out[4]: <AxesSubplot:xlabel='timepoint', ylabel='signal'>
             0.15
             0.10
          signal
             0.05
             0.00
            -0.05
                                               12.5
                        2.5
                              5.0
                                    7.5
                                         10.0
                                                     15.0
                                     timepoint
In [16]:
           fmri = sns.load_dataset("fmri")
           sns.boxplot(x="timepoint", y="signal", data=fmri)
Out[16]: <AxesSubplot:xlabel='timepoint', ylabel='signal'>
             0.4
          signal
             0.2
            -0.2
                 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18
                                    timepoint
```

In [8]:

#Assignment Day:3