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Assignment 1

Questions:

```
Task - 1 Create a pandas dataframe (DataFrame name as 'df') (10 observation and 5 features)
Task- 2 Check the info of 'df'
Task 3- Check the descriptive statistics of 'df'
Task 4- check the 4th index observation with 'loc' slicing operator.
Task 5 - Check the null values in your 'df'
```

Answers:

```
Task-1
 import pandas as pd
df= pd.read_csv('/BenderlyZwick.csv')
       df=pd.DataFrame(df)
      df1=df.head(10)
      df1
  ₽
                                                                               Unnamed: 0 returns growth inflation growth2 inflation2
       0
                                                NaN
                                                                        2.2
                                                                               th
       1
                    2
                                    NaN
                                                           4.0
                                                                        2.1
                           NaN
                                                NaN
       2
                     3
                            53.0
                                     6.7
                                                 -0.4
                                                           -1.3
                                                                        0.6
                                                           5.6
       3
                     4
                            31.2
                                     2.1
                                                  0.4
                                                                         1.3
                     5
                             3.7
                                     1.8
                                                  2.9
                                                           2.1
                                                                         1.9
       5
                     6
                           -13.8
                                     -0.4
                                                  3.0
                                                           1.7
                                                                        3.2
                            41.7
                                                  1.7
                                                                         1.8
                                                           5.8
                                                                        22
       7
                     8
                            10.5
                                     2.1
                                                  1.5
                                                           2.2
                     9
                            -1.3
                                     2.6
                                                  1.8
                                                                         1.9
                    10
                                                  0.8
                                                           26
                                                                         12
                           26.1
                                     5.8
```

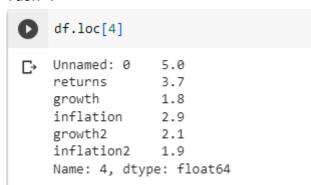
Task-2

```
df.info()
   <class 'pandas.core.frame.DataFrame'>
   RangeIndex: 10 entries, 0 to 9
   Data columns (total 6 columns):
              Non-Null Count Dtype
    # Column
                  -----
    0 Unnamed: 0 10 non-null
                                int64
       returns 8 non-null
                               float64
    1
      growth
                                float64
                  8 non-null
    2
       inflation 8 non-null
                                float64
                 10 non-null
                               float64
        growth2
    5 inflation2 10 non-null
                               float64
   dtypes: float64(5), int64(1)
   memory usage: 608.0 bytes
```

Task-3



Task-4



Task-5

