1. \_\_\_Python function used to combine the data based on keys in Pandas.
2. Write down difference between pandas.concat and combine\_first?
3. Wtite the python syntax to apply the inner and outer join on dataframes?
4. **start = datetime(2011, 1, 7)start + timedelta(12)**

**print(start)**

**what is the output ?**

1. Python function used to combine the data based on axes in Pandas.
2. Write down difference between pandas.merge and combine\_first?
3. Wtite the python syntax to apply the inner and outer join on dataframes?
4. **Adjacent observations in time series data (excluding white noise) are independent and identically distributed (IID).**
   1. A) TRUE B) FALSE
5. What is the standard package name to use datetime, time, and calendar modules in Python
6. Write any 2- merge function arguments in Pandas**?**
7. stamp = datetime(2011, 1, 3)

print(stamp.strftime('%Y-%m-%d')); what is the output?

1. value = '2011-01-03'

print(datetime.strptime(value, '%Y-%m-%d')) output?

1. In Datetime format speification what is the difference if we use %H and %I ?
2. What is the standard package name to use datetime, time, and calendar modules in Python
3. Datestrs = ['7/6/2011', '8/6/2011']print([datetime.strptime(x, '%m/%d/%Y') for x in Datestrs]) output?
4. Define timedelta
5. What is datatime ? write an example to represent data and time
6. What is pandas.date\_range() method
7. Difference between rstrip() and lstrip() methods.
8. Define replace() method with suitable example.
9. Explain about Sting manipulation methods in Python?
10. What are the uses of Discretization and Binning? What are the python functions supported to do Discretization and Binning explain with an example?
11. Define the process for Conversion between string and datetime.
12. What is Date Ranges, Frequencies, and Shifting? Explain the usage in real time ?
13. How to detect the Outliers in data? Explain the python functions used for Detecting and Filtering Outliers?
14. Describe the complete procedure of Time Zone Handling?
15. Explain how to merge the data based on INDEX ?
16. Describe the complete procedure of Time Zone Handling?
17. What is datatime module? Explain various classes obtained in datetime module with suitable examples.