1. Write a Pandas program to create  
   a) Datetime object for Jan 15 2012.  
   b) Specific date and time of 9:20 pm.  
   c) Local date and time.  
   d) A date without time.  
   e) Current date.  
   f) Time from a datetime.  
   g) Current local time.
2. Write a Pandas program to print the day after and before a specified date(Take any date). Also print the days between two given dates.
3. Write a Pandas program to create a time-series with two index labels and random values.
4. Write a Pandas program to create a time series object that has time indexed data. Also select the dates of same year and select the dates between certain dates.
5. Write a Pandas program to create a whole month of dates in daily frequencies. Also find the maximum, minimum timestamp and indexs.
6. Write a Pandas program to create a date range using a startpoint date and a number of periods.
7. Write a Pandas program to split the following dataframe into groups, group by month and year based on order date and find the total purchase amount year wise, month wise.
8. Write a Pandas program to split the following dataframe into groups based on first column and set other column values into a list of values.
9. Write a Pandas program to split the following dataframe into groups and count unique values of 'value' column.