Ans5:

```
from pylab import *
import pandas as pd
log_df = pd.read_csv("/home/datascience/Downloads/wc_day6_1_sample.csv", names=['ClientID',
'Date', 'Time', 'URL', 'ResponseCode', 'Size'], na_values=['-'])
log_df['DateTime'] = pd.to_datetime(log_df.apply(lambda row: row['Date'] + ' ' + row['Time'], axis=1))
unique_ids=log_df['ClientID'].unique()[:100]
unique_log_df=log_df['ClientID'].isin(unique_ids)
unique_log_df=log_df[unique_log_df]
def hr_func(ts):
    return ts.hour
unique_log_df['Hour'] = unique_log_df.DateTime.apply(hr_func)
unique_recs=unique_log_df[['ClientID', 'Hour']]
unique_recs.plot(kind='scatter', x='ClientID', y='Hour')
show()
```