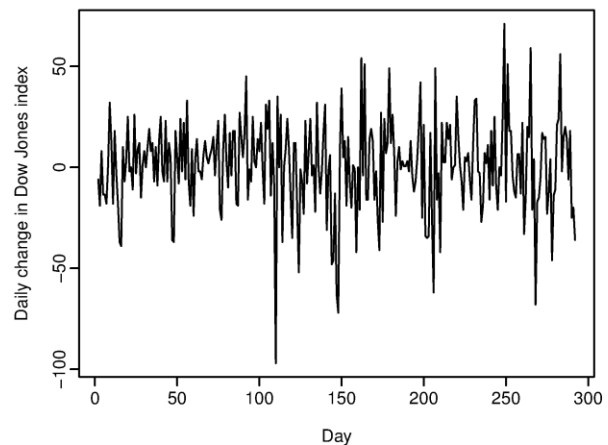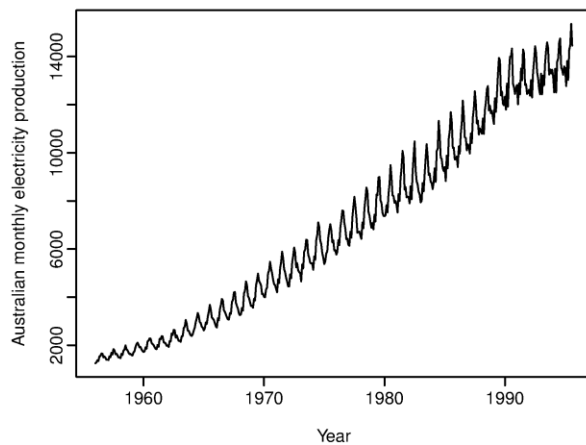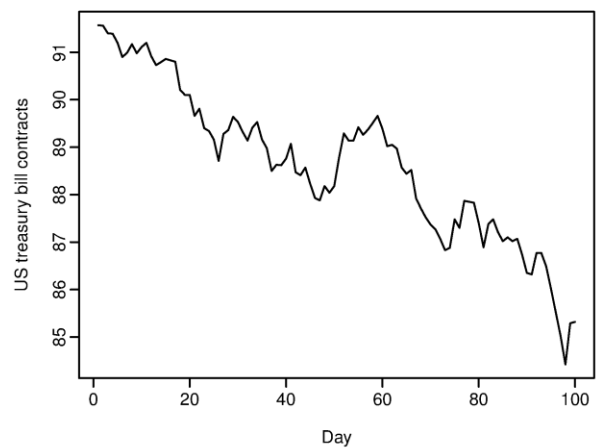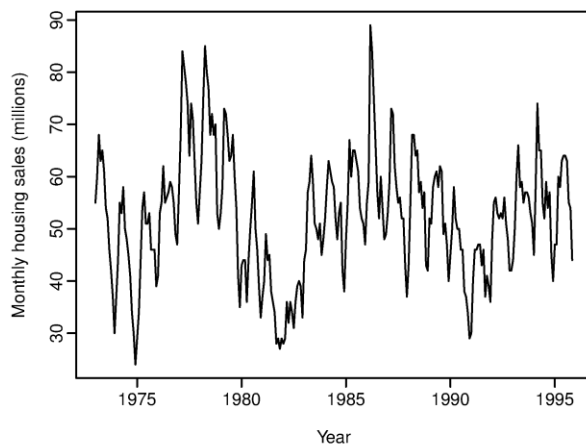## Topic 4
Introduction to Time Series

1.   Differentiate discrete and continuous time series. Give one real-life example in which a continuous time series data can be recorded as a set of discrete time series data.

2.   Below are the four examples of time series showing different patterns. Identify the types of variations for each of these diagrams.

3.   Identify and comment on the stationarity of the following time series plots.

(a)

(b)

(c)

(d)

(e)

(f)