PART ONE: DATASTREAM 5.1

Exercise 1  
Find Overview of Company Performance: Find an overview of Starhub’s performance.
1. In the Analysis panel, under Single Series – Overview, select ________________________.
2. Click the Run Now! button to retrieve the overview.

Tip: The “Datatype” section will be greyed out. Only “Price and Index” chart will change in the overview when you change the time period. Other overview items are standard.

Exercise 2  
Find Stock Prices: Find the daily stock prices for Starhub for the past 3 months.
1. In the Data Category panel, select ________________________.
2. In the Analysis panel, under Single Series – Data, select ________________________.
3. Click on the Find Series button to open the Series Navigator.
4. In the search box, enter Starhub.
5. Click on ______________ (DS mnemonic for Starhub) from the results list to close the popup.
6. Click on the Datatypes button to open Datatype Navigator. Select ______________ (mnemonic for Price (Adjusted - Default)) from the list to close the popup.
7. Click on the -3M radio button to get the daily prices for the past 3 months.
8. Click Run Now! button to execute your search.

Tip: Click on “Time Period” button to set a customised time range or click on “Settings” button to change the frequency (daily by default).

9. Use __P#S__ for Price (Adjusted – Default) (Unpadded) instead. What is the difference?

Exercise 3  
Find Commodity Prices: Download weekly prices for Brazilian Coffee for the past 6 months.
1. In the Data Category panel, select ________________________.
2. In the Analysis panel, under Single Series – Data, select ________________________.
3. Click on the Find Series button to open the Series Navigator.
4. In the search box, enter Brazilian Coffee.
5. Click on ______________ (DS mnemonic for Coffee-Brazilian (NY)) to close the popup.
6. Click on the Datatypes button to open Datatype Navigator. Click ___ (mnemonic for Price (Adjusted - Default)) from the list to close the popup.
7. Click on the Settings button and change Frequency to Weekly.
8. Click on the -6M radio button to select the time frame.
9. Click the Run Now! button to execute your search.

Tip: Hovering over a result in the Series Navigator gives you more information in the box below. Clicking on the row will pin the information to the box.
Exercise 4

Create Charts: Create a Comparison Line Chart (rebased) to compare stock prices for Singapore Airlines and Cathay Pacific Airways in the past 5 years in USD.

1. Select Equities in the Data Category panel.
2. Select Multiple Series/Flexible Chart in the Analysis panel.
3. Click Comparison Line Chart and select Rebased.

Tip: Ensure that the “P” is entered in the Datatype field first. When using multiple series, make sure that the Datatype is selected first.

4. Enter Singapore Airlines in the Enter Series box and click the Find Series button.
5. On the Navigator page, click T:SAIR (DS mnemonic for Singapore Airlines) to return to the Request screen.
6. Enter Cathay Pacific Airways in the Enter Series box, and click on the Find Series button.
7. On the Navigator page, click K:CATH (DS mnemonic for Cathay Pacific Airways) to return to the Request screen.
8. Click the -5Y radio button and change Currency to United States Dollar.
9. Click the Run Now! button to chart the stock prices.

What happens if I select other options?

Rebased to first:

Actual Values:
PART TWO: DATASTREAM ADVANCED FOR OFFICE
Use the Datastream Advanced for Office (AFO) Excel Add-in for these exercises.

Exercise 5
Find Economic Data: Find the average monthly earnings in Singapore in each quarter of the past 3 years.

1. Select Time Series Request.
2. Click on the Find Series button.
3. Click the Explore link, then click Key Indicators by Country and select Singapore.
4. Scroll down and click ___________________________ (DS mnemonic for Average Monthly Earnings) from the series list.
5. Enter -3Y in the Start Date box and change Frequency to Quarterly.
6. Click Submit.

Tip: You do not need to enter datatypes for economic indicators. Why?

Exercise 6
Find Exchange Rates: Find the daily exchange rates between Singaporean Dollar and U.S. Dollar in the past 6 months.

1. Select Time Series Request.
2. Click on the Find Series button.
3. Click the Explore link, select National Exchange Rates and then Singapore.
4. Click on ___________________________ (DS mnemonic for Singapore $ to US $) from the series list.
5. Enter -6M in the Start Date box.
6. Click Submit.

Exercise 7
Find Financial Data on all the Constituent Stocks of an Equity Index:
Download information on all the constituent stocks of the Dow Jones Industrial Average Index on the 3rd August 2015 (Monday):
- Names
- Prices
- Market capitalizations
- Trading volume

1. Select ___________________________ Request.
2. Click on the Find Series button to open Datastream Series Navigator.
3. Click on Stop Filtering from the left column to clear any applied filters.
4. Click on Choose a single category and select Constituent lists.
5. Click ___________________________ (DS mnemonic for Dow Jones Industrial) from the results list.
6. Click on the Datatypes button to open Datastream Datatype Navigator.
7. Change the Data Category to Equities, then search for each required datatype and select respective mnemonic: Name – ________________, Adjusted Price – ____________, Market Value (Capital) – ____________, Turnover by Volume – ____________.
8. Click on the Use hyperlink at the top left corner of the results list.
9. Enter Date.
10. Click Submit.