Practical 2

Exercise P1
1. Open your textbook on p.40 at the **SoftDrink** file.
2. On the computer, open the **SoftDrink** file on ClickUP in the ***Data files for Practicals*** folder
3. Construct a frequency distribution of the 500 soft drink purchases.
- Enter a label (i.e. **Soft Drink**) and the **soft drink names** into cells C1:C6 and a label (i.e. **Frequency**) into D1.
- To count the number of times that Coke Classic appears, enter the following formula into cell D2: **=COUNTIF($A$2:$A$51,C2)**. (The reason for the $ signs in front of and after the column reference is to instruct Excel to use the specified range A2:A51, and not to change the cell reference once you copy the formula to other cells). Check your answers on p.37.
- To count the number of times the other soft drinks appear, **click in cell D2 and drag the *fill handle* down to cell D6.**
4. Construct a relative frequency and percent frequency distribution. Follow the Excel instructions on p.42. Check your answers on p.42.
5. Construct a bar graph using Excel 2010. Follow the detailed Excel instructions on p.44.
6. Construct a pie chart by using the same Excel instructions on p.44.

Exercise P2
1. Open your textbook on p.46 nr. 6 at the **2012Networks** data.
2. On the computer, open the **2012Networks** file on ClickUP in the ***Data files for Practicals*** folder
3. Answer Exercise 6a and b on p.46 by making use of Excel 2010.

Exercise P3
1. Open your textbook on p.47 at the **Audit** data.
2. On the computer, open the **Audit** file on ClickUP in the ***Data files for Practicals*** folder
3. Construct a frequency distribution of the 20 year-end audit times. Follow the Excel instructions on p.49.Check your answers on p.49.
4. Construct a relative frequency and percent frequency distribution. (Similar to Ex P1 nr.4) Check answers on p.48.
5. Construct a histogram by using Excel 2010. Detailed Excel instructions on p.52. Answers on p.52.

Exercise P4
1. Open your textbook on p.79 at the **Stereo** data.
2. On the computer, open the **Stereo** file on ClickUP in the ***Data files for Practicals*** folder
3. Construct a scatter diagram by using Excel 2010. Detailed Excel instructions on p.80. Check your answers on p.80.

Exercise P5
1. Open your textbook on p.86 at the **Snow** file.
2. On the computer, open the **Snow** file on ClickUP in the ***Data files for Practicals*** folder
3. Answer Exercise 40 on p.86 by making use of Excel 2010.