(Part II) Lab-session 2

1) Record a Macro, which when activated draws a "rainbow" into the cells A1:K6 of your worksheet. Call your Macro "Rainbow" and design it such that it can be activated with Ctl + r.

· When recording, shade the row A1:K1 with "Fill Color" Red, A2:K2 with the "Fill Color" Orange, etc.

· View the VBA code of the recording you have produced and try to figure out what it does. Edit the code in such a way, that the colours in the rainbow will appear in reversed order, that is A1:K1 should be shaded with Violet, A2:K2 with Blue,... and A6:K6 with Red.

2) Record a Macro which copies the content of the cells A1:G6 to the cells G21:M26. Give your macro a meaningful name and design it such that it can be activated with Ctl + c. Test this Macro together with the Macro "Rainbow".

(To clear the content of some cells: mark a range of cells → Edit →Clear→Contents or use "del" after you marked them)

3) Create three customized buttons for the three Macros recorded in task 1 and 2. Write the Macros names onto them and test them in various different orders.

4) Record a Macro, which when activated computes the sum of the column A1:A25 of your worksheet. Call your Macro "SumA1A25" and design it such that it can be activated with Ctl + s. Use this Macro to compute the sums

$$\sum_{a=1}^{25} 2a \qquad \sum_{a=11}^{35} a \qquad \sum_{a=1}^{25} 2^a = 67xxxxx2 \ .$$

(To fill in the cells A1:A25 use: Edit →Fill→Series (Type Growth in the last sum)).