## Bonus point assignment - week 4

Like the factorial example, you can also implement the calculation of a power of 2 in assembly. For example you want to calculate  $2^4$  = 16. Use iteration to calculate the result. Store the result in r0.

Main:

mov r1, #2

mov r2, #4

Loop:

End:

Complete the code. See the PowerPoint slides of week 4.

Screenshot of the completed code here.