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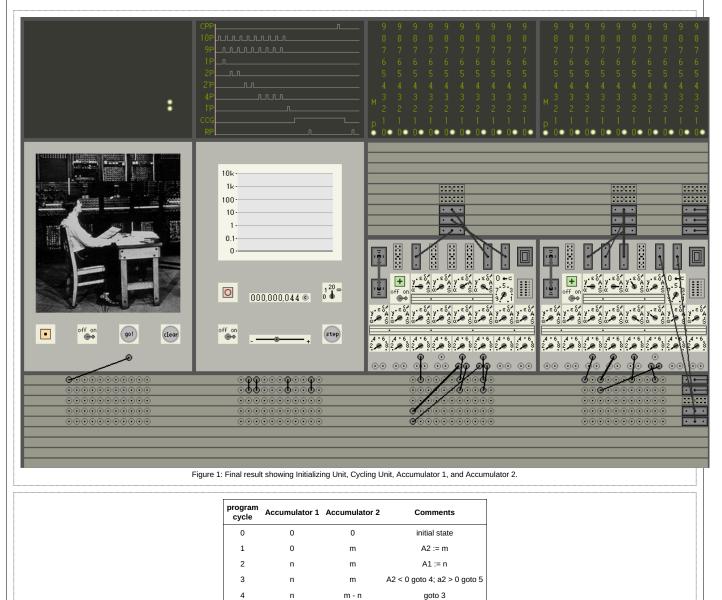
Preface

This tutorial describes how to program the ENIAC Java simulator developed by Till Zoppke available at the Free University (FU) of Berlin. With the help of the modulo algorithm elementary function groups of the ENIAC are briefly described and wired up for proper usage. The tutorial has been initiated by Prof. Dr. Andreas Polze in response to his Origins of Operating Systems Course (additional slides available) at the Hasso-Plattner-Institute for IT-Systems Engineering at the University of Potsdam in the summer term 2006. Additional Powerpoint slides about the ENIAC and other pre-OS computer systems are here available.

The final modulo algorithm code of this tutorial for the ENIAC simulator can be downloaded. To load it, run the simulator and open the load menu, select "Load from local file system" and select the downloaded file. Additionally, a video (MPEG, 5m31s, approx. 27.5 MB) of the solution running in the ENIAC simulator is also available for download.

Matthieu-P. Schapranow, June 2006.

Overview



m + n Table 1: The work of the desired algorithm: m modulo n

end

5

n

