



INTERNATIONAL ATOMIC ENERGY AGENCY
UNITED NATIONS EDUCATIONAL SCIENTIFIC AND CULTURAL ORGANIZATION



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COLLEGE ON MICROPROCESSORS:

TECHNOLOGY AND APPLICATIONS IN PHYSICS

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EXERCISE ON THE ASSEMBLER AND LINKER

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These are preliminary lecture notes, intended only for distribution to participants. Missing or extra copies are available from Room 230.

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PRACTICAL WORK SESSIONS

Exercise on the assembler and linker.

If you fill HIST in the way that HIST(1)=1, HIST(2)=2,..., HIST(23)=23, HIST(24)=22, HIST(25)=21....then the display on the Newbury should look like this:

To center the histogram you must output some blanks which can be done using a monitor call. At the end of each line you must output a carriage return and a line feed. This you can also do with a monitor call. You may write a simple macro "MON" which does these monitor calls for you, so that the sequence of instructions:

will output 25 spaces.

[illegible]