Computational Physics Homework # 100.

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When you hand in the homework, you should gather all your files into a single tarball file as follows.

- Use an unix command `tar -czf <file name>.tar.gz <file 1> <file 2> ⋯`.

- For undergraduate students, put a copy of a tarball <file name>.tar.gz into a directory:

  `/physics/upload/comp2023/<user-ID>`.

- For graduate students, put a copy of a tarball <file name>.tar.gz into a directory:

  `/physics/upload/acomp2023/<user-ID>`.

- You must use the GNU `make` command and `Makefile` to compile the code starting from the homework `hw101`.

Chapter 1 and Chapter 2

1. In the class, you have learned a program which converts Farenheit to Celcius. Write a code which converts Celcius to Fahrenheit.

   - The temperture varies from 0 C to 300 C with a step = 20 C.
   - Final results of Farenheit should have a precision of 10^{-2}.
   - The results should be printed on the screen in an organized fashion.