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completing any intermediate steps many of the problems require the reader to write a computer program to obtain the solution tabulated data from computer output are included where appropriate and coding enhancements to the programs provided in cfd are indicated in the solutions in some instances completely new programs have been written and the listing forms part of the solution all of the program modifications new programs and input output files are available on an ibm compatible floppy direct from c a j fletcher many of the problems are substantial enough to be considered mini projects and the discussion is aimed as much at encouraging the reader to explore extensions and what if scenarios leading to further development as at providing neatly packaged solutions indeed in order to give the reader a better introduction to cfd reality not all the problems do have a happy ending some suggested extensions fail but the reasons for the failure are illuminating

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