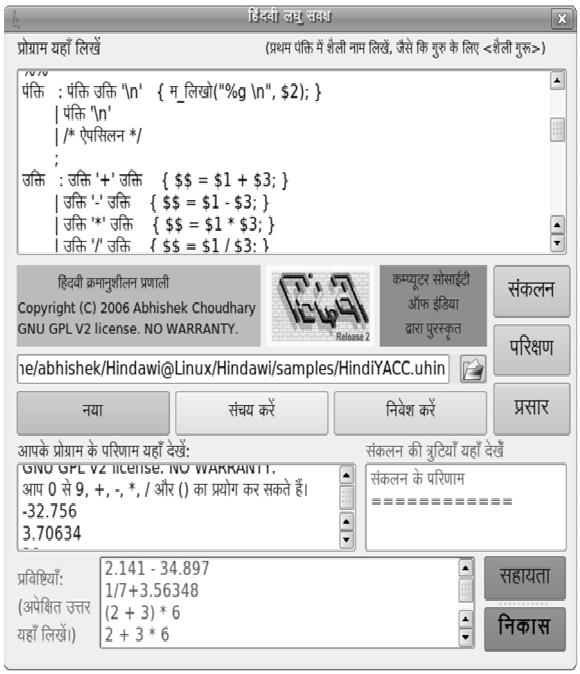
Fellowship for projects on
Hindawi Programming System



Conway's game of life, lexical analysis, numerical methods, device drivers – do these require knowledge of English? At Project Hindawi we believe that one should only focus on acquiring computer science skills without any language barriers. Only 5% of India's population is skilled in English. The other 95% has been literally unaware of the Information Technology developments. There have been good efforts at localizing application software. However, localized applications alone will result in the mother-tongue literate population becoming consumers of IT products who cannot participate in producing new software, even for the captive domestic market. Project Hindawi *www.hindawi.in* has created software products that allow people to write programs in their own language, without a need to first learn English. *Even you can participate in these efforts with paid fellowships.*

Hindawi Programming System (HPS) is a suite of open-source Indic programming languages. It includes compilers for the Hindi equivalents of C, C++, lex, yacc, assembly, BASIC, etc. The technology is scalable to all Indian languages. These allow people without a knowledge of English to take up computer sciences and participate in the IT revolution at all levels of technology, from primary school education to robotics and super-computing in their mother tongue. HPS has been the recipient of *FOSS India Awards 2008* and *National Young IT Professional Award 2005*.

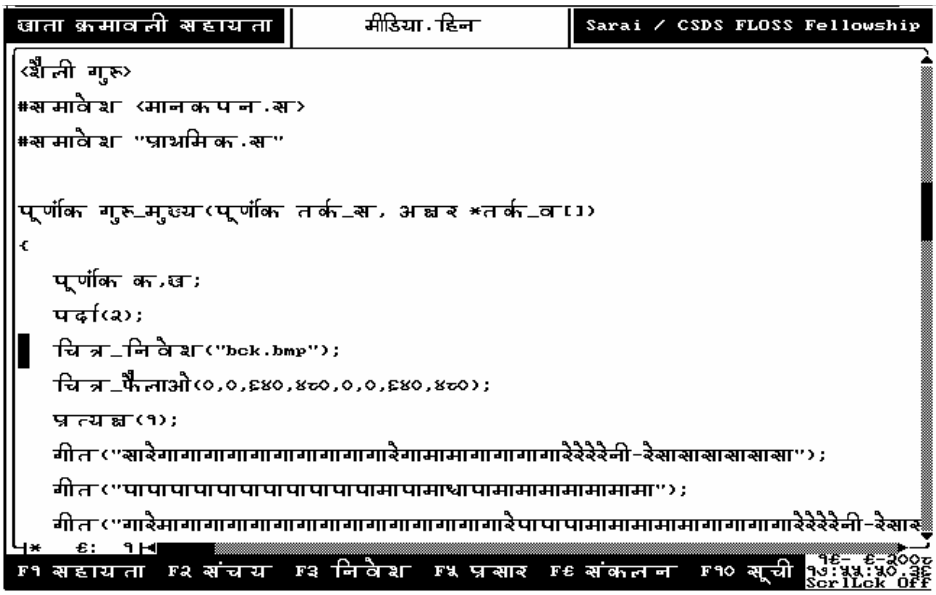
A part of the development of HPS has been supported under the *Sarai/CSDS FLOSS Fellowship*. Sarai continues to invite fellowship proposals for further development of Hindawi. Some project ideas include HPS-Eclipse integration, machine translation of comments, porting HPS to other languages and creating training videos. A comprehensive list is available online.

Send your project proposals and fellowship applications directly to Sarai *www.sarai.net* at *prc@sarai.net* with a copy CC to *info@hindawi.in* at the earliest. Successful applicants will also be invited to join Project Hindawi with their own hindawi.in email address and a free Project Hindawi t-shirt.

Last date of application for Sarai/CSDS FLOSS Fellowship

21st Sept 2008

Note: Sarai / CSDS FLOSS Fellowships are organized by Sarai. Project Hindawi is not involved in the selection of projects. Please direct Sarai queries to *prc@sarai.net*



Visit *WWW.HINDAWI.IN* for information on forthcoming fellowships.