About Final Project

Tsan-sheng Hsu

tshsu@iis.sinica.edu.tw

`http://www.iis.sinica.edu.tw/~tshsu`

Submitted packages

- **Format of your package: in tar.gz format.**
- **Your final project package must include**
  - **A make file that produces a compiler with the name equaling your team name, compiles and runs all test programs.**
  - **A collection of test programs, inputs and anticipated outputs.**
    - ▷ *programX.p: program.*
    - ▷ *inputX_Y: input test data.*
    - ▷ *outputX_Y: output data.*
    - ▷ *readmeX: documentation for programX, contains the purpose of having test programX.*
    - ▷ *Example: program1.p, input1_1, input1_2, output1_1, output1_2 and readme1.*
  - **Documentation (in PDF or PS format):**
    - ▷ *Language reference manual: language.pdf or language.ps.*
    - ▷ *List of features implemented and their corresponding test programs: features.pdf or features.ps.*
    - ▷ *Implementation manual: internal.pdf or internal.ps, contains the implementation details.*
    - ▷ *Other helpful documents: otherX.pdf or otherX.ps.*

Formats and grading

- **Formats:**
  - **make file:**
    - *e.g.: make compiler; generate an executable file "team_name".*
    - *e.g.: make test*
  - **The generated compiler takes an input file as an argument.**
    - *e.g.: team_name program1.p*
  - **After compilation, the executable file is program1 and the assembly file is program1.a**
- **Grading:**
  - **Correctness (40%): whether your compiler generates correct codes.**
  - **Error handling (30%): whether your compiler provides helpful information when seeing errors.**
  - **Documentation and Testing (30%):**
    - *whether your documentation is helpful in maintaining and usage;*
    - *whether your test programs clearly demonstrate all usable features of your compiler.*