

Declarations, Code.c

- Copy current code.c to old_code.c
- Copy new_code.c to code.c
- The new code.c will handle declarations.
The only difference is in the assign() and eval() functions.

Declaration Productions

decs: decs type id_list ';' ;

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type: D_INT

| D_FLOAT

id_list: id_list ',' ID

| ID

Place decs in production(s) where you want declarations to appear

Declarations, lex.l

```
inum      {digit}+
fnum      {digit}+\.{digit}*|{digit}*\.{digit}+
...

{inum}    {
    sscanf(yytext, "%lf", &yylval.val);
    yylval.sym = install("", S_INT, yylval.val);
    printf("%s", yytext);
    return NUMBER; }

{fnum}    {
    sscanf(yytext, "%lf", &yylval.val);
    yylval.sym = install("", S_FLOAT, yylval.val);
    printf("%s", yytext);
    return NUMBER; }

{id}      ???
```