```
yyosif@lap118a03:~/CS370/lab4>
yyosif@lap118a03:~/CS370/lab4>
yyosif@lap118a03:~/CS370/lab4>
yyosif@lap118a03:~/CS370/lab4> ./lab4
int a ;

        Symbol inserted
int b ;

        Symbol inserted
int c ;

        Symbol inserted
int d ;

        Symbol inserted
int e ;

        Symbol inserted
int g ;

        Symbol inserted
int h ;

        Symbol inserted
int i ;

        Symbol inserted
int j ;

        Symbol inserted
int k ;

        Symbol inserted
int l ;
memory limit exceeded
```

```
yyosif@lap118a03:~/CS370/lab4>
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yyosif@lap118a03:~/CS370/lab4>
yyosif@lap118a03:~/CS370/lab4> ./lab4
int foo ;

        Symbol inserted
int foo ;
can't declare existing variable again
```

```
yyosif@lap118a03:~/CS370/lab4>
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yyosif@lap118a03:~/CS370/lab4>
yyosif@lap118a03:~/CS370/lab4>
yyosif@lap118a03:~/CS370/lab4> ./lab4
int foo ;

        Symbol inserted
bar = 5
variable not found
yyosif@lap118a03:~/CS370/lab4> ./lab4
int bar ;

        Symbol inserted
bar = foo
variable not found
yyosif@lap118a03:~/CS370/lab4>
```

```
yyosif@lap118a03:~/CS370/lab4>
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yyosif@lap118a03:~/CS370/lab4>
yyosif@lap118a03:~/CS370/lab4> ./lab4
int foo ;

        Symbol inserted
foo = 2
foo
the answer is 2
foo = 99
foo
the answer is 99
int bar ;
syntax error
```