* MLP

<program> 🡪 “main” “(“ ”)” “{“ <instr\_list> “}”

<instr\_list> 🡪 <instr> <instr\_list> | <instr>

<instr> 🡪 <atr> “;” | <io> “;” | <decl> “;”

<decl> 🡪 “int” ID

<atr> 🡪 ID “=” <expr>

<io> 🡪 “cin” “>>” ID | “cout” “<<” ID

<expr> 🡪 ID | CONST | <expr> <arithm\_op> <expr>

<arithm\_op> 🡪 “+” | “-“ | “\*”

ID 🡪 [a-zA-Z]([a-zA-Z]\*[0-9]\*)\*

CONST 🡪 [+-]?[1-9][0-9]\*

* Programe

main() {

int a;

cin >> a;

a = a + 2 \* 5;

a = 5 – a;

cout << a;

}

main() {

int b = 10;

b = b \* b + 5 \* 5;

cout << b;

}