class Step

{

public:

Step(string s， int& stepIndex); // 解析用到传入的步骤

void out()

{

cout << str << endl;

index = 0;

pushAndComputebeta();

}

protected:

void eraseSpace();

//优先级

int priority(char op);

bool isOperator(char c);

bool isFunction(const string& token);

string moveToNext();

void pushAndCompute();

void pushAndComputebeta();

private:

string str{};

int index{ 0 };

int stepIndex{ 1 };

int strSize{ 0 };

stack<string> stkContent;

stack<string> stkOperator;

};

class ParseIf

{

private:

vector<string> str;

map<string, int> varSet;

int curLine;

int strLine;

vector<string> ans;

int stepIndex = 0;

int varIndex = 0;

public:

ParseIf(string s);//传入的整个字符串解析到按行转换到str中

ParseIf(int n);

public:

void out()

{

//对ans里面的语句分析，然后替换部分单词；

}

protected:

bool hasIf(int line);

bool hasElse(int line);

bool hasElseIf(int line);

bool isVar(int line);

void parse();

string getExp(const string& s);

int getValue(string s);

int getCompareSign(const string& s);

string getVarName(const string& s);

int getVarValue(const string& s);

int getLine(const string& s);

};