CSCE2301 – Digital Design I

FALL 2020

Project 1

Quine-McCluskey Logic Minimization

Andrew Sinout Shenouda – 900182668  
Mohi El-Din Hashem – 900182668

Objective:

The objective of this project is to make you more familiar with the Quine-McCluskey Logic Minimization algorithm.

Instantiated variables in the beginning of the program

int v,s;

string name;

vector<int> m;

vector<int> d;

vector<pair<string,string>> mm;

vector<pair<string,string>> dd;

vector<vector<pair<string,string>>> groups;

vector<vector<vector<pair<string,string>>>> itterations;

vector<pair<string,string>> PI;

bool b;