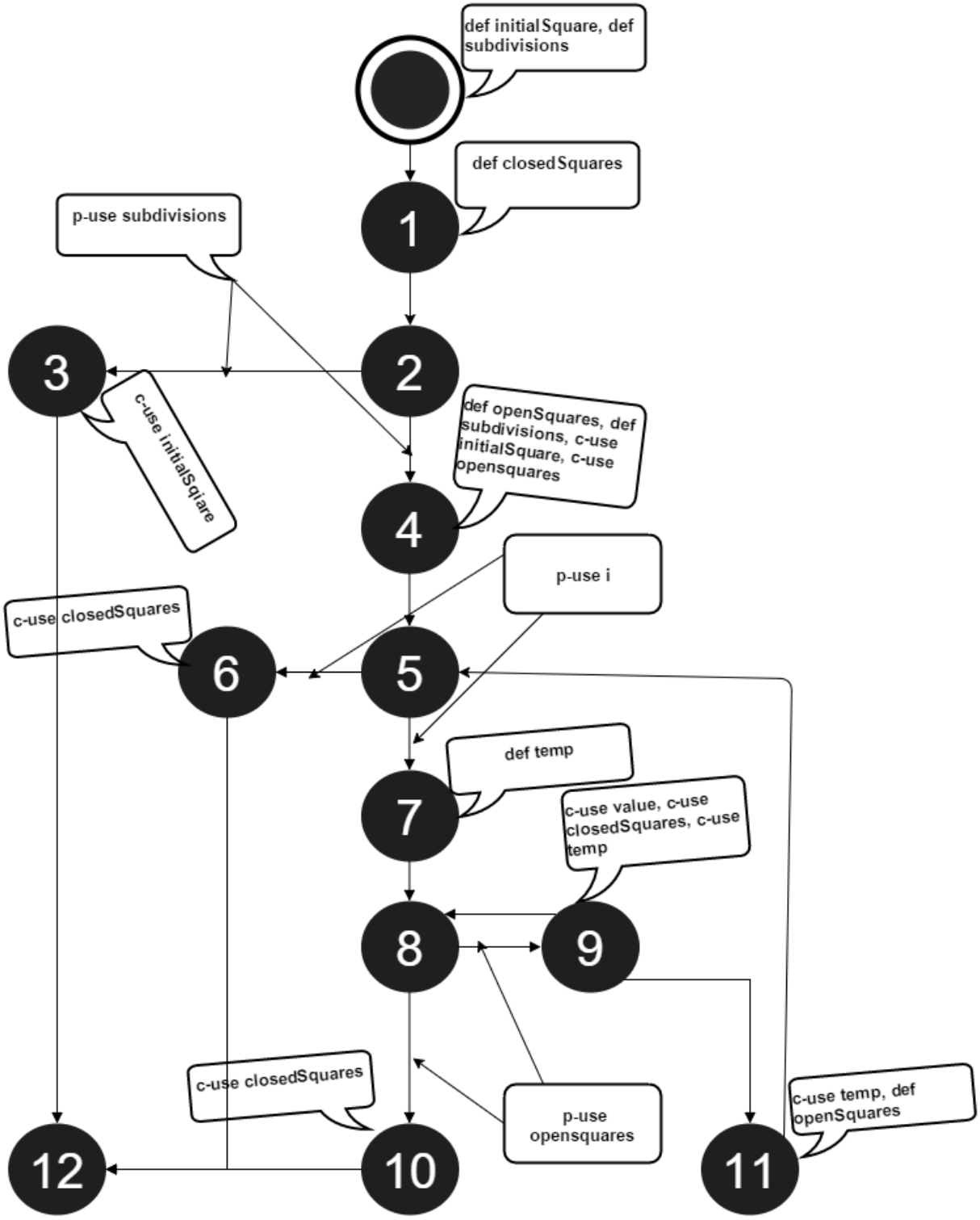
Jeff Registre

Project 2: Task 3

A)



B)

Node n	**DEF(n)**	**C-USE(n)**
in	{initialSquare, subdivisions}	{ Ø}
1	{closedSquares}	{ Ø}
2	{ Ø}	{ Ø}
3	{ Ø}	c-use initialSquare
4	{def openSquares, subdivisions}	{ initialSquare, openSquare}
5	{ Ø}	{ Ø}
6	{ Ø}	{closedSquare}
7	{def temp}	{ Ø}
8	{ Ø}	{ Ø}
9	{ Ø}	{value, closedSquares, temp}
10	{ Ø}	{closedSquares}
11	{closedSquares}	{temp}
12	{ Ø}	{ Ø}

Edge(n,m)	**p-use(n,m)**
(3,4)	{subdivisions}
(6,7)	{i}
(9,10)	{openSquares}

C) F

Node n	Variable x	DCU(x,n)	DPU(x,n)

D) D

Path	**Test id**	**initialSquare**	**subdivisions**
1,2,4,5,7,8,9,10,11,12	TF1	Square(0,0,2)	3
1,2,3,12	TF2	Square(0,0,2)	1