

(): F



1: **w**

4
5
6

2: **w2**

0
1
2
3
4
5
6
7
8

3: **B**

2	0	0
0	2	0

4: **C**

2	3	4
5	6	7

5: **F**

4	-1	0	0	-1	0	0	0	0	0	0	0
-1	4	-1	0	0	-1	0	0	0	0	0	0
0	-1	4	-1	0	0	-1	0	0	0	0	0
0	0	-1	4	0	0	0	-1	0	0	0	0
-1	0	0	0	4	-1	0	0	-1	0	0	0
0	-1	0	0	-1	4	-1	0	0	-1	0	0
0	0	-1	0	0	-1	4	-1	0	0	-1	0
0	0	0	-1	0	0	-1	4	0	0	0	-1
0	0	0	0	-1	0	0	0	4	-1	0	0
0	0	0	0	0	-1	0	0	-1	4	-1	0
0	0	0	0	0	0	-1	0	0	-1	4	-1
0	0	0	0	0	0	0	-1	0	0	-1	4

```
E= 2, 3, 4,
    5, 6, 7;
```

```
cout << "E is\n" << E;
```

```
compressed2D<float> F;
laplacian_setup(F, 3, 4);
cout << "F is\n" << F;
```

```
return 0;
}
```

```
(gdb) graph display w2
(gdb) graph display B
(gdb) graph display C
(gdb) graph display F
(gdb)
```