Convert the following program into a CFG of def and use statements:

1: x = input();
2: y = input();
3: if (x < y) {
4:     z = x + y;
5:     a = x + z;
} else {
6:     z = x * y;
7:     a = y + z;
}
8: b = a + y;
9: print (b);

1a: def x
1b: def y
1c: use x
1d: use y

2a:

3a:

4a: