```
int mid(int x, int y, int z) {
        int m;
1:      m = z;
2:      if (y<z) {
3:          if (x<y) {
4:              m = y;
5:          } else if (x<z) {
6:              m = x;
            }
7:      } else {
8:          if (x>y) {
9:              m = y;
10:         } else if (x>z) {
11:             m = x;
            }
        }
12:     return m;
        }
```