```
sm = 'sum of the diagonal elements is smaller.';
3 - 1 = 'sum of the diagonal elements is larger.';
    same ='sum of the diagonal elements is same.';
     s = 0; b = 0;
6 - \Box for i = 1:size(a,1)
    for j = 1:size(a,2)
             if i == j
9 -
                s = s + a(i,j);
10 -
             else
11 -
                b = b + a(i,j);
12 -
              end
13 -
         end
14 -
    - end
15 -
     if s > b
16 -
        disp(l)
17 -
    else if s < b
18 -
           disp(sm)
19 -
         else disp(same)
20 -
          end
21 -
     end
22 -
     L end
```

Command Window

a =

1 -2 3 3 0 4

-8 9 -11

sum of the diagonal elements is smaller.

b =

1 -2 3 0 4 3

-8 9 11

sum of the diagonal elements is larger.

c =

2 -2 3 3 0 4

-8 9 7

sum of the diagonal elements is same.

 $f_{x} >>$