

```
1 x = 1:20;  
2  
3 y = 11:30;  
4  
5 tmp1 = x - y;  
6  
7 tmp2 = tmp1.^2;  
8  
9 tmp3 = sum(tmp2);  
10  
11 tmp4 = sqrt(tmp3);  
12  
13 ans = sqrt(sum(((x-y).^2)));  
14  
15  
16  
17  
18  
19
```