% 求一个矩阵中的最大值

a = round(rand(4,5)\*100);

m = max(max(a));

[x,y] = find(a==m);

disp(a)

disp(m)

disp([x,y])

% 求数的阶乘

m = 0;

for j = 1:20

% n = factorial(j); 阶乘的函数

n = 1;

for i = 2:j

n = n\*i;

end

m = m + n;

disp(n)

end

fprintf("n的阶乘: %d\n",n);

fprintf("和: %d\n",m);

% 多项式的值

x = input("input x:");

y = input("input y:");

% 一

f = @(x,y)x^2+sin(x\*y)+2\*y;

resqult = f(x,y);

fprintf("值为%g\n",resqult);

% 二

x2 = [x,y];

f = x2(1)^2+sin(x2(1)\*x2(2))+2\*x2(2);

fprintf("值为%g\n",resqult);