% HW1\_P20

clear

figure

% load data

% http://ufldl.stanford.edu/wiki/index.php/MATLAB\_Modules

Images = loadMNISTImages('t10k-images.idx3-ubyte');

% rand chose index

num=ceil(random('unif',1,length(Images),10,15));

for i=1:10

for j=1:15

img(28\*(i-1)+1:28\*i,28\*(j-1)+1:28\*j)=reshape(Images(:,num(i,j)),28,28);

end

end

%imshow(uint8(256\*reshape(Images(:,floor(random('unif',0,60000,1,1))),28,28)))

imshow(uint8(256\*img))