Solutions to Quiz 3

%1)

a = [2 4 1;6 7 2; 3 5 9];

s = size(a);

%a)

x1 = a(1,:)

%b)

y= [a(2,:),a(3,:)]

%c,d,e

c=0;

for i=1:3

vec(i) = sum(a(:,i));

rowvec(i) = sum(a(i,:));

sqvec(i) = sum(a(1,i).^2);

end

%2)

x=[4 1 6]; y = [6 2 7];

for i=1:length(x)

c=c+x(i)\*y(i);

for j=1:length(y)

a(i,j)=x(i)\*y(j);

b(i,j) = x(i)/y(j);

d(i,j) = x(i)/(2+x(i)+y(j));

e(i,j)=min(x(i),y(j));

end

end