**Tridiagonal**

#Status: Completed

. a =1 ; b=2; c=3; n=5;

d = zeros(n)

for ii = 1:n

for jj =1:n

if ii ==jj

d(ii,jj)=b;

elseif ii==jj+1

d(ii,jj)=a;

elseif jj ==ii+1

d(ii,jj)=c;

else

jj= jj+1;

end

end

end

d