Bull’s eye

b = ones(n);

c = (n+1)/2;

b(1,:)=c;

b(n,:)=c;

b(:,1)=c;

b(:,n)=c;

ii=1;

while ii~=n

b((ii+1),(ii+1):n-ii)=c-ii;

b(n-ii,(ii+1):n-ii)=c-ii;

b((ii+1):n-ii,(ii+1))=c-ii;

b((ii+1):n-ii,n-ii)=c-ii;

ii=ii+1;

end

b