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Code:

```
A = zeros(100, 100);  
Cx = 50;  
Cy = 50;  
Radius = 20;  
For I = 1:100  
    For j = 1:100  
        If sqrt((Cx - i)^2 + (Cy - j)^2) <= Radius  
            A(I, j) = 255; % Assign value for Euclidean distance  
        End  
    End  
End  
Imshow(A);  
Title('Euclidean Distance');
```