```matlab
function [x,y,r,angle] = Question_1_Function(x,y)
%Assignment 3, Question 1
%Coded by: Nicholas Paul
%For: Dr. Martha Dagnew. CEE 2219b
%Feburary 4th 2019


if(x<0)

    if(y>0)

        theta = atan(y/x) + pi;

    elseif (y<0)

        theta = atan(y/x) - pi;

    else %condition where y=0

        theta = pi;

    end

elseif(x==0)
    if(y>0)

        theta = pi/2;

    elseif (y<0)

        theta = -pi/2;

    else %condition where y=0

        theta = 0;

    end

else
    theta = atan(y/x);

end


r = sqrt(x^2 + y^2);
angle = theta*(180/pi);

fprintf('%5d      %5d      %0.2f      %0.2f\n',x,y,r,angle);

end
```

Not enough input arguments.

```
Error in Question_1_Function (line 8)
if(x<0)
```

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