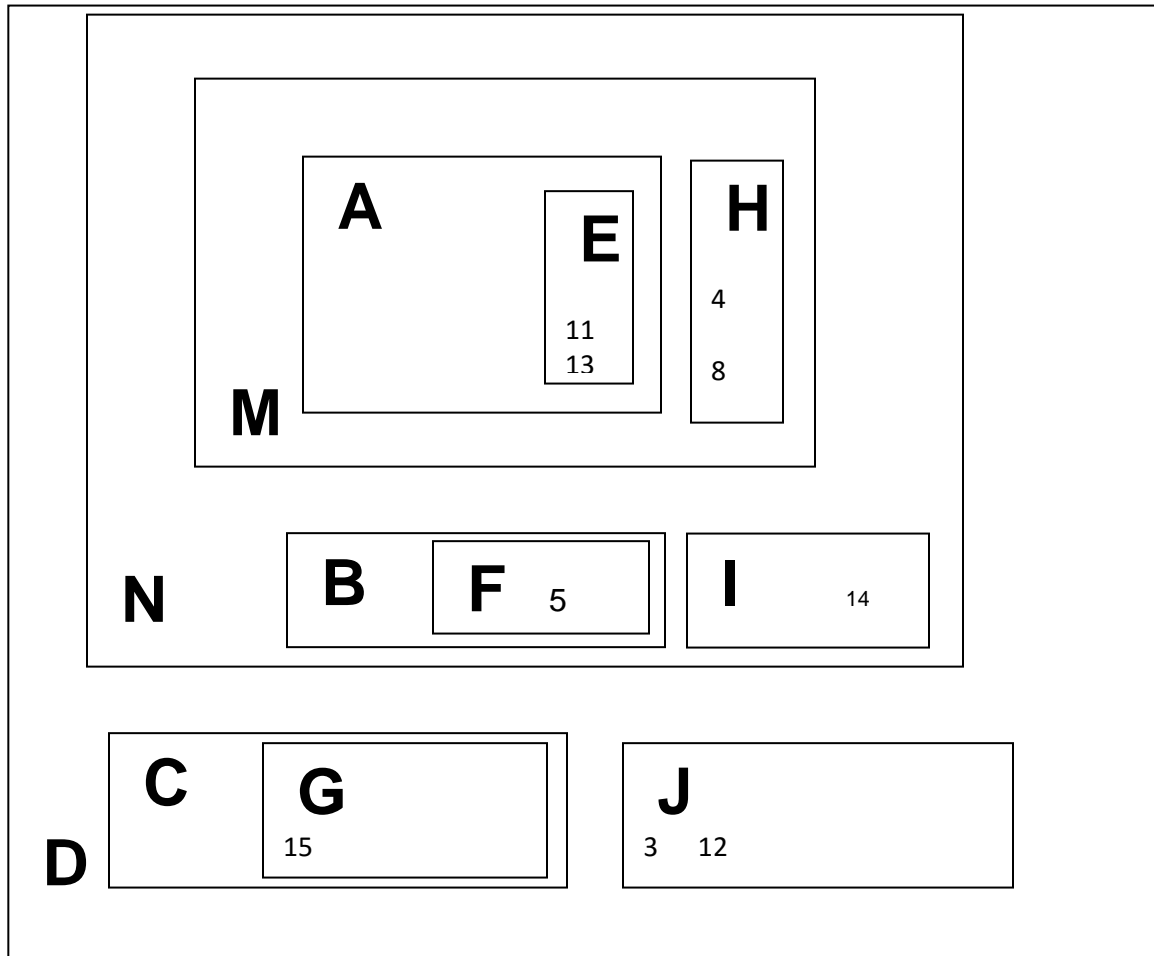


(1)

HOMEWORK3-A



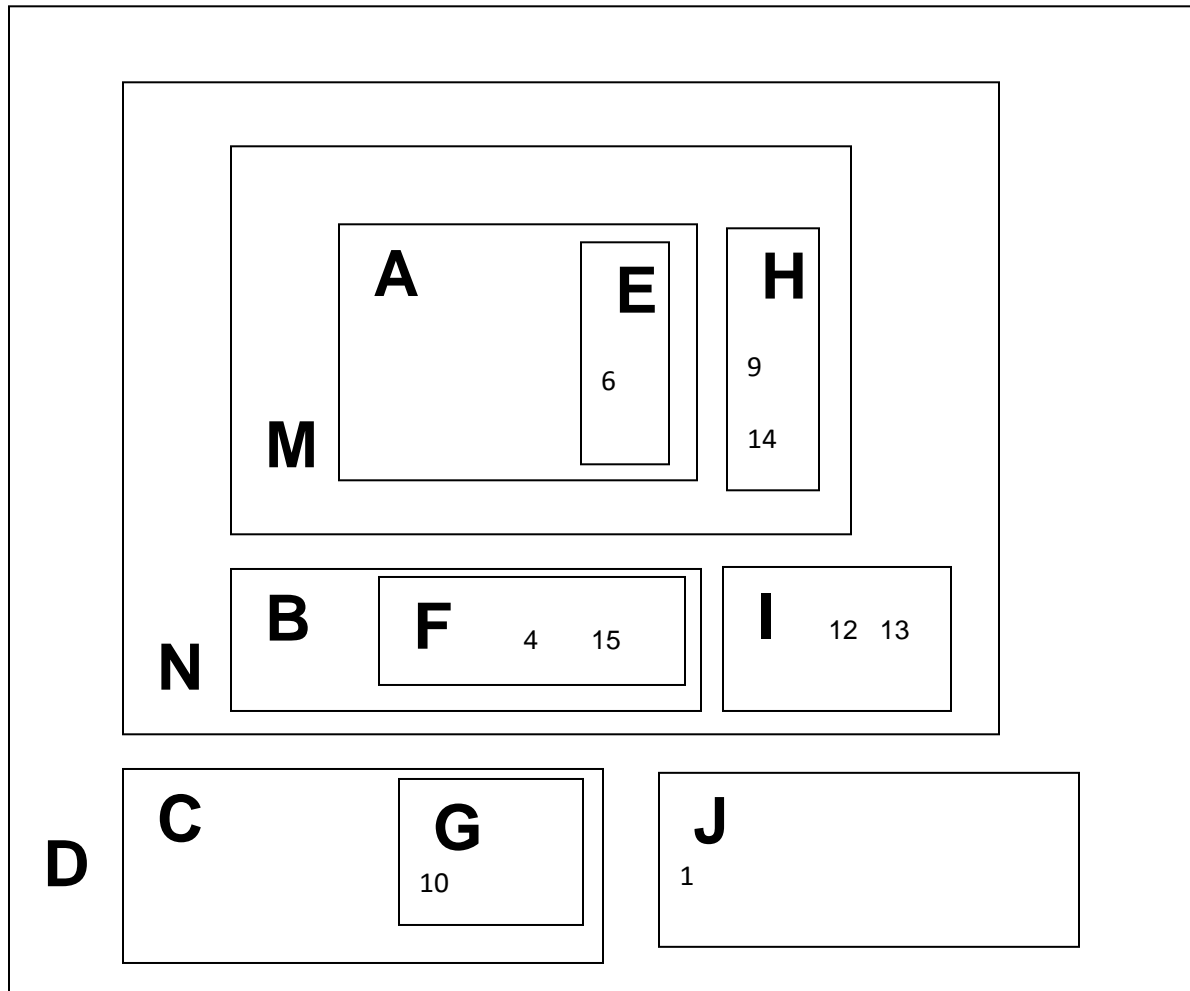
So here,

$$\text{API Recall} \approx (E+H) / (E+H+F+I) = (2+2) / (2+2+1+1) = 2/3 = 0.66$$

$$\text{Quality Recall} \approx E / (E + F + G) = 2 / (2+1+1) = 1/2 = 0.5$$

$$\text{Quality Precision} \approx E / (E + H) = 2 / (2+2) = 1/2 = 0.5$$

(2)



So here,

$$\text{API Recall} \approx (E+H) / (E+H+F+I) = (1+2) / (1+2+2+2) = 3/7 = 0.42$$

$$\text{Quality Recall} \approx E / (E + F + G) = 1 / (1+2+1) = 1/4 = 0.25$$

$$\text{Quality Precision} \approx E / (E + H) = 1 / (1+2) = 1/3 = 0.33$$