Example No # 01;

Confusion Matrix:

Acuray = 97.77%

$$=\frac{18}{12+0}$$
 = 1 x 100 = 100%.

$$\begin{bmatrix} 14 & 0 & 0 \\ 0 & 13 & 0 \\ 0 & 1 & 12 \end{bmatrix} = \begin{bmatrix} TN & FP & TN \\ TN & FP & TN \end{bmatrix}$$

$$= \frac{1}{1+36} = 0.037 \times 100$$

$$= \frac{0.94 + 1}{0.94 \times 1}$$

Confusion Mabrix:

$$\begin{bmatrix} S & 42 \\ 1 & 4 \end{bmatrix} = \begin{bmatrix} TN & FP \\ FN & TP \end{bmatrix}$$

$$TN = S$$
 $FP = a$ 
 $FN = 1$ 

• Accuracy = 
$$\frac{TN + TP}{TN + FN + TP + FP}$$
=  $\frac{S + 4}{S + 1 + 4 + 2}$ 

$$TNR = TN$$

$$= \frac{S}{S+2} = 0.71 \times 100$$

• FNR = 
$$\frac{FN}{FN + TP}$$
  
=  $\frac{1}{1 + 4}$  = 0.3 x 100

$$= 0.66 \times 100$$

· F measure:

F-menune -

F1 score = 72.327.