```
import numpy
actual=numpy.random.binomial(1,0.9,size=1000)
predicted=numpy.random.binomial(1,0.9,size=1000)
from sklearn import metrics
import matplotlib.pyplot as plt
confusion_matrix=metrics.confusion_matrix(actual,predicted)
cm_display=metrics.ConfusionMatrixDisplay(confusion_matrix=confusion_matrix,display_labels=[Fal
se,True])
cm_display.plot()
plt.show()
accuracy = metrics.accuracy_score(actual,predicted)
print(accuracy)
precision=metrics.precision_score(actual,predicted)
print(precision)
sensitivity_recall=metrics.recall_score(actual,predicted)
print(sensitivity_recall)
specificity=metrics.recall_score(actual,predicted,pos_label=0)
print(specificity)
fi_score=metrics.f1_score(actual,predicted)
print(fi_score)
```