1.

Input:

```python
from sklearn import datasets
iris = datasets.load_iris()
from sklearn.naive_bayes import GaussianNB
from sklearn.metrics import classification_report
gnb = GaussianNB()
y_pred = gnb.fit(iris.data, iris.target).predict(iris.data)
print("Number of mislabeled points out of a total %d points : %d"
        % (iris.data.shape[0],(iris.target != y_pred).sum()))

recall_str=classification_report(iris.target,y_pred)
print(recall_str)
```

Output:

```
Number of mislabeled points out of a total 150 points : 6
              precision    recall  f1-score   support

           0       1.00      1.00      1.00        50
           1       0.94      0.94      0.94        50
           2       0.94      0.94      0.94        50

   micro avg       0.96      0.96      0.96       150
   macro avg       0.96      0.96      0.96       150
weighted avg       0.96      0.96      0.96       150


Process finished with exit code 0
```

2.

Input:

```python
from sklearn import datasets
from sklearn import svm
from sklearn.model_selection import train_test_split

from sklearn.metrics import classification_report,accuracy_score, auc, confusion_matrix, f1_score, precision_score, recall_sco
bankdata=datasets.load_iris()

X_train, X_test, y_train, y_test = train_test_split(bankdata.data, bankdata.target, test_size = 0.20)

svclassifier = svm.SVC(kernel='linear')
svclassifier.fit(X_train, y_train)
y_pred = svclassifier.predict(bankdata.data)
recall_str=classification_report(bankdata.target,y_pred)
print(recall_str)
```

Output:

```
              precision    recall  f1-score   support

           0       1.00      1.00      1.00        50
           1       1.00      0.98      0.99        50
           2       0.98      1.00      0.99        50

   micro avg       0.99      0.99      0.99       150
   macro avg       0.99      0.99      0.99       150
weighted avg       0.99      0.99      0.99       150


Process finished with exit code 0
```