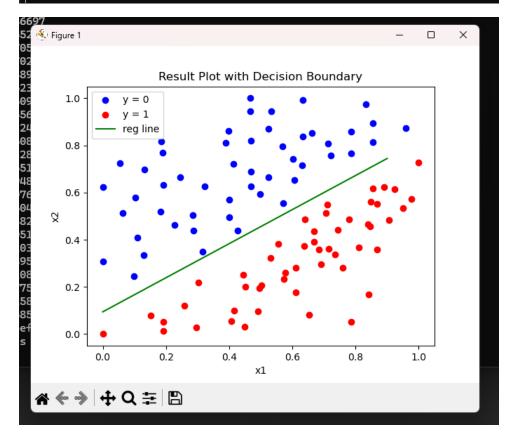
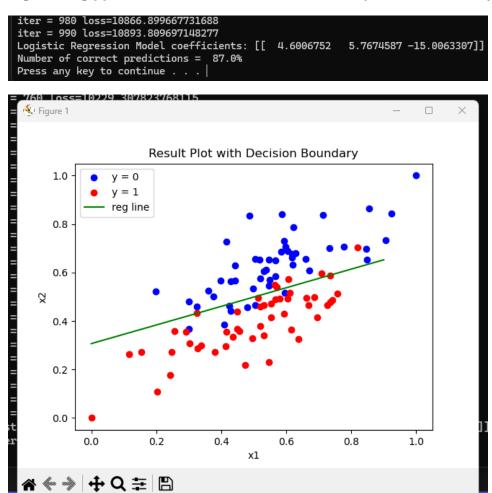
ASSIGNMENT 09

LogisticReg.py - LOGISTIC REGRESSION OUTPUT (Dataset.csv)

```
iter = 980 loss=19568.521111581656
iter = 990 loss=19634.6715058545
Logistic Regression Model coefficients: [[ 1.39193949 10.6715818 -14.77208225]]
Number of correct predictions = 100.0%
```



LogisticReg.py - LOGISTIC REGRESSION OUTPUT (Random dataset)



LogisticSkLearn.py - LOGISTIC REGRESSION OUTPUT (Random dataset)

```
C:\Windows\system32\cmd.e: × + \

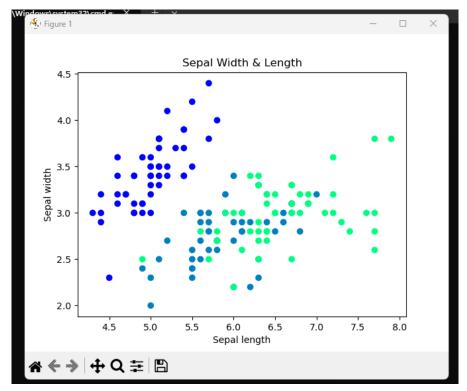
Number of correct predictions = 87.0%

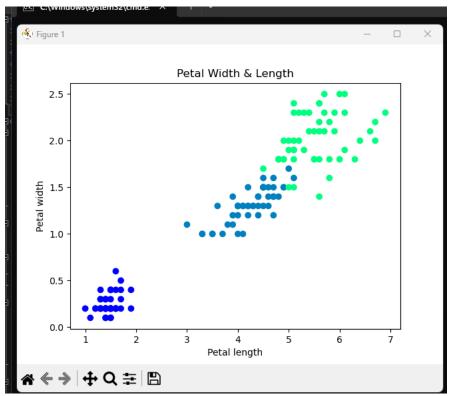
Accuracy SKL= 0.87

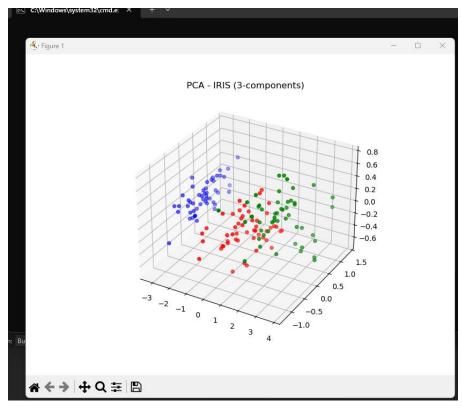
[5.71139124] [[ 1.5793474 -2.58895463]]

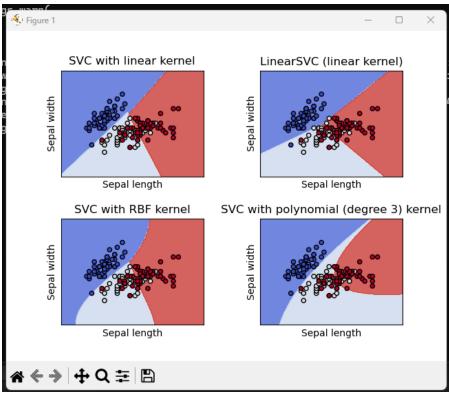
Press any key to continue . . .
```

SVM OUTPUT

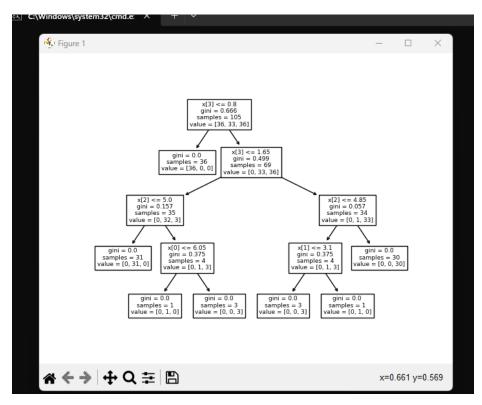


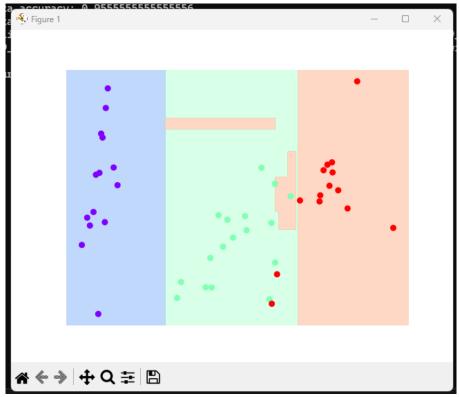


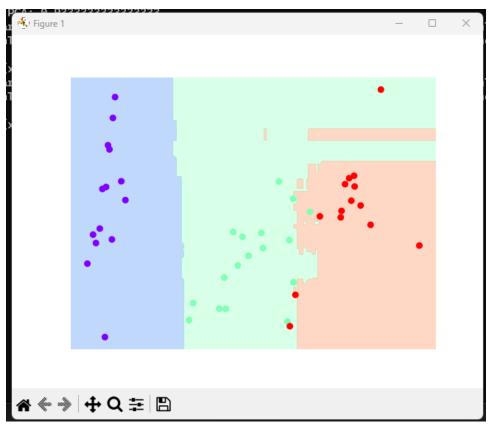




DECISION TREES AND RANDOM FOREST OUTPUT







Press any key to continue . . .