```
---- Custom Logistic Regression ----
Accuracy: 0.9824561403508771
Precision: 0.9859154929577465
Recall: 0.9859154929577465


---- Scikit-learn Logistic Regression ----
Accuracy: 0.9736842105263158
Precision: 0.9722222222222222
Recall: 0.9859154929577465


Learned Coefficients (Custom Model):
[-0.51162898 -0.59403079 -0.49732002 -0.53125102 -0.19710469  0.02544097
 -0.49470928 -0.6381396  -0.0386862   0.26690758 -0.66311741  0.00992266
 -0.48782243 -0.54022472 -0.10495899  0.3934049   0.110897   -0.07527892
  0.20786732  0.39907242 -0.6995931  -0.82882048 -0.63066881 -0.67237007
 -0.56373626 -0.19014562 -0.53824795 -0.62766766 -0.61966567 -0.1227505 ]
Intercept: 0.5382152088949371
```