

Test the model

```
[ ] prediction=model.predict(X_test[:4])  
print(prediction)  
  
[[3.1433620e-10 8.6138327e-16 1.1085916e-11 2.8813660e-10 8.1462240e-20  
 8.8072029e-18 3.7594099e-20 1.0000000e+00 2.5695112e-12 7.8255761e-12]  
[1.6580229e-09 4.6019247e-10 1.0000000e+00 4.6354085e-14 5.8657237e-17  
 5.6972921e-21 6.2100725e-10 3.3747724e-22 2.1727870e-11 1.2861945e-19]  
[8.1924856e-10 9.9999678e-01 8.8742506e-11 7.1009495e-15 1.9964668e-06  
 1.3044633e-11 5.4629568e-09 9.0281226e-08 1.0596716e-06 1.5650131e-14]  
[1.0000000e+00 2.3063839e-17 1.7203114e-11 5.0787264e-16 2.0474881e-15  
 7.8878740e-15 1.5967471e-14 4.1226704e-13 8.5990725e-13 4.9681670e-10]]
```