**Results**

After training and testing the network, we get results as below:



.

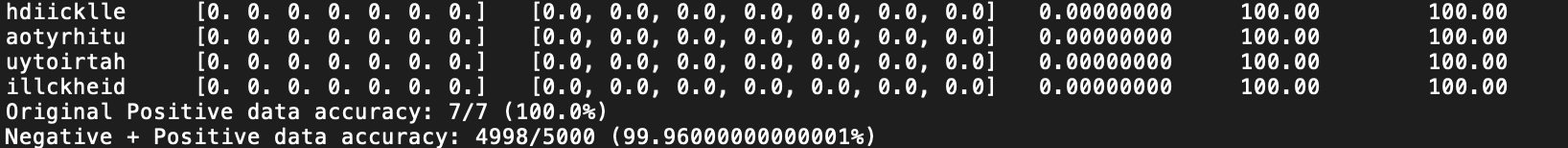
.

A picture containing table

Description automatically generated

.

.



All screenshots are taken from **outputs.txt** file which was produced by source code.

**Testing Network**

1. First, we test network on 7 original positive words. And we that network recognizes all 7/7 correctly. **It had 100% accuracy**
2. Second, we test network on test data which contains 5000 words where approximately 10% is positive words and 90% is negative words. Our network couldn’t recognize only 2 word out of 5000 words which seems fine. **It had 99.96% accuracy**