LineArt HW

**----------------------------------------------------------- Results -----------------------------------------------------------**

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

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

**------------------------------------------------------ Testing Network ------------------------------------------------------**

After training the network, we test it on 3 images (real smile, smile, triangle) from directory **lineart/test\_images:**

Shape, circle

Description automatically generated Text

Description automatically generated

Circle

Description automatically generated Text

Description automatically generated

Line chart

Description automatically generated with medium confidence A picture containing shape

Description automatically generated

We tested network on 3 images, 2 of which are handmade images, 1 is computer drawn. As we see from photos above, network could recognize computer drawn picture way better than handmade ones. All in all, network could produce outputs that are still recognizable from first glance.