# **Test Case 3:**

As we have received newer version of the Video Learning Project. We have started training and testing the **Run2**(which is Sequence Learning). As mentioned in the earlier reports that we have created three new Black and White datasets. Now in the newer version of the code we have used four videosets (**Circle, Rectangle, Triangle and Pentagon**) for our experimentation purpose. We have manipulated three parameters known as **maxCycles, frameHeight and frameWidth**. We have seen that if the maxCycles parameter is set to **1200**, frameHeight to **22** and frameWidth to **22** training the HTM model with the above-mentioned video sets gives us the optimum training accuracy with Run2(**in the previous version of the code**). So, we have set those parameters as mentioned and ran our experiment with Run2 in the newer version of code. But the process did not stop generating newborn Cycles and even if it had started training phase it did not stop. I have run it several times in two days of interval for each **configuration** of these three parameters but after 6 days it did not stop. We have tried maxCycles of 500, 1000 and 1200 in adjacent with frameHeight and frameWidth parameters 18,20,22.

In the following you can see the screenshot which depicts that the process is running for two days and still generating newborn cycles. We kept **htmConfig.json** file unchanged and we have selected **maxCycles** to 500, **frameHeight** and **frameWidth** to 20. The number of datasets for training phase were four (Circle, Rectangle, Triangle and Pentagon).

