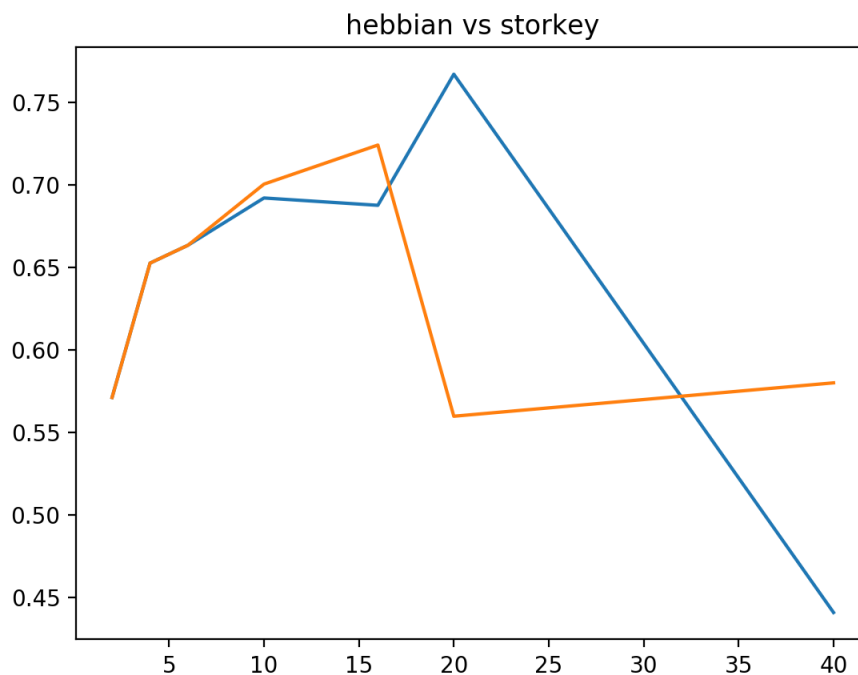


Q1.

```
hebbian : inputs: 2 accuracy: 0.571287617168229
hebbian : inputs: 4 accuracy: 0.6526887025160335
hebbian : inputs: 6 accuracy: 0.6635421805624075
hebbian : inputs: 10 accuracy: 0.6921558954119388
hebbian : inputs: 16 accuracy: 0.687715836211149
hebbian : inputs: 20 accuracy: 0.7671435619141589
hebbian : inputs: 40 accuracy: 0.4410458806117415
```

```
storkey : inputs: 2 accuracy: 0.571287617168229
storkey : inputs: 4 accuracy: 0.6526887025160335
storkey : inputs: 6 accuracy: 0.6635421805624075
storkey : inputs: 10 accuracy: 0.7005426739023187
storkey : inputs: 16 accuracy: 0.7242229896398619
storkey : inputs: 20 accuracy: 0.5599407992106561
storkey : inputs: 40 accuracy: 0.5801677355698076
```



The blue is hebbian

The yellow is storkey

As you can see the storkey retained some accuracy when the inputs increase.