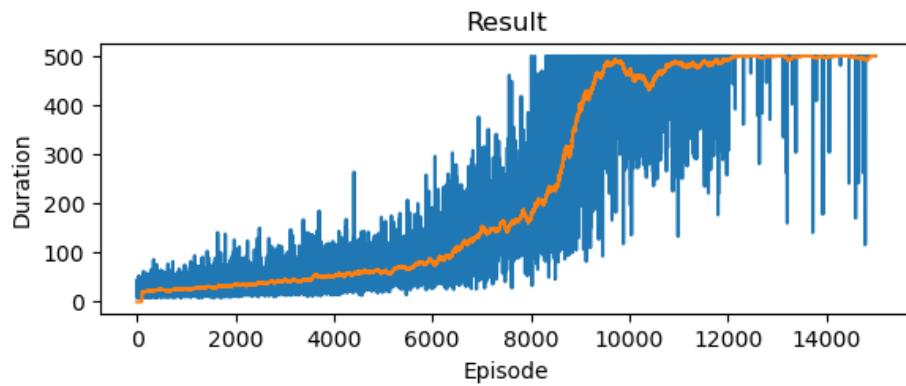


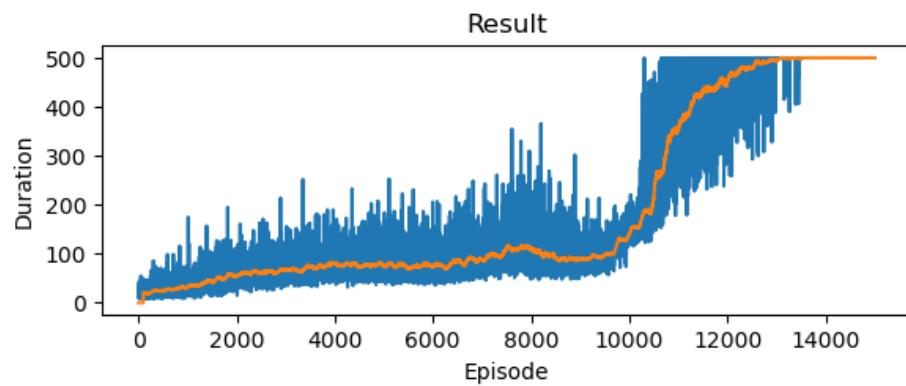
# Various network architectures and parameters for Cartpole Policy Estimator

Group K: Fioritto Alessandro, Pilutti Filippo, Simonitti Samuele

Base architecture and parameters

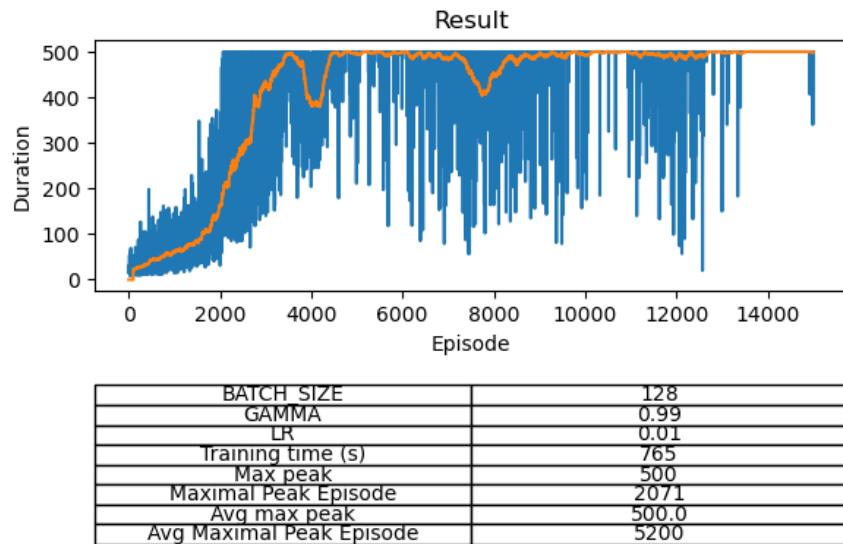


Base architecture with modified parameters (bigger batch size and learning rate)

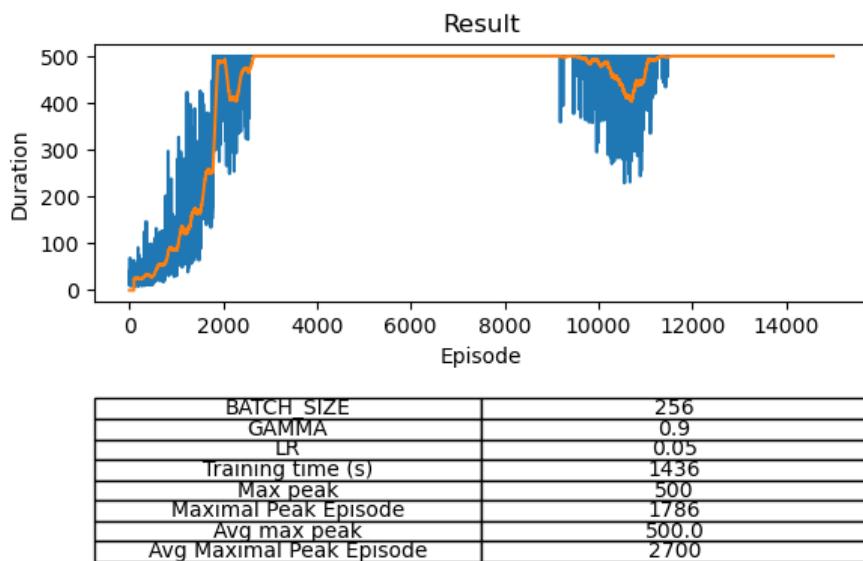


Parameter	Value
BATCH SIZE	256
GAMMA	0.9
LR	0.05
Training time (s)	365
Max peak	500
Maximal Peak Episode	10307
Avg max peak	500.0
Avg Maximal Peak Episode	13100

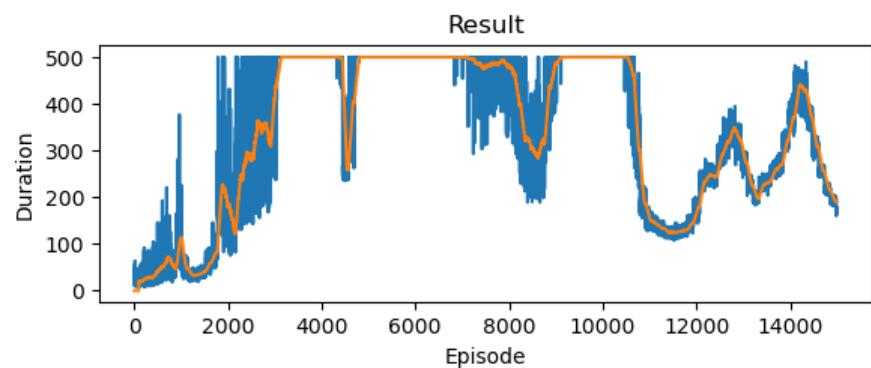
Bigger layer using base architecture (128 neurons instead of 16)



Modified first layer (32 neurons instead of 16) and added a new fully connected layer (64 neurons)



### Deeper network with 4 fully connected layers



BATCH SIZE	128
GAMMA	0.99
LR	0.01
Training time (s)	1434
Max peak	500
Maximal Peak Episode	1788
Avg max peak	500.0
Avg Maximal Peak Episode	3200