**How to code the algorithm**

For t=0 to T {

If t=0 {

Setup initial portfolios for experts and learners

**Initialise wealth for Experts and Learner all = 1**

}

Else {

Reveal share vector

**Calculate wealth for Expert and Learner**

if sum of share vector = =3 {

expert matrix remains the same

}

Else {

Change the expert matrix according to shares that did not go up

//Do this though indexing the share vector where =0

}

Get Experts portfolio for the next day

Create learner portfolio through expert matrix

}

}