6th part:

Map Function:

Var map=function(){emit(this.stock\_symbol,{stock : this.stock\_price\_high});}

Reduce Function:

Var reduce=function(symbol,prices){

var total=0.0;

for(var i=0;i<prices.length;i++){

if(prices[i].stock>0){

total=total+prices[i].stock;}}

var avg=total/prices.length;

return{avg\_price : avg};

}