trigger accountLimitExample on Account (after delete, after insert, after update) {

System.debug('Total Number of SOQL Queries allowed in this Apex code context: ' + Limits.getLimitQueries());

System.debug('Total Number of records that can be queried in this Apex code context: ' + Limits.getLimitDmlRows());

System.debug('Total Number of DML statements allowed in this Apex code context: ' + Limits.getLimitDmlStatements() );

System.debug('Total Number of CPU usage time (in ms) allowed in this Apex code context: ' + Limits.getLimitCpuTime());

List<Opportunity> opptys = [select id, description, name, accountid, closedate, stagename from Opportunity where accountId IN: Trigger.newMap.keySet()];

System.debug('1. Number of Queries used in this Apex code so far: ' + Limits.getQueries());

System.debug('2. Number of rows queried in this Apex code so far: ' + Limits.getDmlRows());

System.debug('3. Number of DML statements used so far: ' + Limits.getDmlStatements());

System.debug('4. Amount of CPU time (in ms) used so far: ' + Limits.getCpuTime());

if (opptys.size() + Limits.getDMLRows() > Limits.getLimitDMLRows())

{

for (Account a : Trigger.new) {

a.addError('You are attempting to update the addresses of too many accounts at once. Please try again with fewer accounts.');

}

}

else{

System.debug('Continue processing. Not going to hit DML governor limits');

System.debug('Going to update ' + opptys.size() + ' opportunities and governor limits will allow ' + Limits.getLimitDMLRows());

for(Account a : Trigger.new){

System.debug('Number of DML statements used so far: ' + Limits.getDmlStatements());

for(Opportunity o: opptys){

if (o.accountid == a.id)

o.description = 'testing';

}

}

update opptys;

System.debug('Final number of DML statements used so far: ' + Limits.getDmlStatements());

System.debug('Final heap size: ' + Limits.getHeapSize());

}

}