S=struct('DeviceName','ActiGraph','SerialNumber','MOS2D46170264',...

'SubjectName','SJW','StartTime',[175400,185400,195400],...

'StartDate','20181226','SamplingRate',100);

% 구조체 S 설정

AccData.x = MOS2D4617026420181228RAW (:,1);

AccData.y = MOS2D4617026420181228RAW (:,2);

AccData.z = MOS2D4617026420181228RAW (:,3);

% 구조체 AccData 설정

h= 100\*60\*60; % 한 축의 한 시간 분량

size\_x = size(AccData.x); % 총 몇시간의 분량인지 알기 위해

h\_real = size\_x./h;

h\_integer= floor(h\_real); %시간만

for t= 0:(h\_integer-1) % 360000로 나눠 떨어질 경우

AccData1.x = AccData.x(t\*h+1:(t+1)\*h,:);

AccData1.y = AccData.y(t\*h+1:(t+1)\*h,:);

AccData1.z = AccData.z(t\*h+1:(t+1)\*h,:);

chr=int2str(S.StartTime(1,t+1));

filename = [S.DeviceName,'\_',S.SerialNumber,'\_',...

S.SubjectName,'\_',S.StartDate,'\_',chr];

save(filename,'-struct','AccData1');

end % 나머지 소수점 밑

AccData1.x = AccData.x ((t+1)\*h+1:size\_x,:);

AccData1.y = AccData.y ((t+1)\*h+1:size\_x,:);

AccData1.z = AccData.z ((t+1)\*h+1:size\_x,:);

chr=int2str(S.StartTime(1,t+2));

filename = [S.DeviceName,'\_',S.SerialNumber,'\_',...

S.SubjectName,'\_',S.StartDate,'\_',chr];

save(filename,'-struct','AccData1');