```
N=1024;
numberOfchannels=23;
for channel=1:numberOfchannels
                    % loop on each channel
if(iscell(all data))
     data=cell2mat(all data(:,channel));
  else
     data=all data;
  end
  data=data(1:floor(length(data)/N)*N,1); %data flooring
  %%%%reshaping data to 1024 rows and ..... columns%%%
 new data = reshape(data, N, floor(length(data)/N));
%%%%%%loop on columns of the reshaped output from 1to its length%%%%%
       for i=1:(length(data)/N)
          outPut(1,i) = VARIance(new_data(:,i));
       end
       variance(channel,:) = outPut;
       variance(isnan(variance))=0;
function y= VARIance (x)
averageofX=sum(x)/length(x);
y=(sum(((x-averageofX).*(x-averageofX)))/(length(x)-1));
end
```