
```

close all; clear all;
% load score_data % input N score

N=input('    number of student:    ');
score=zeros(2,N);

% input the name and score of the student evaluate the average score
for i=1:N
    str1= input('student name:', 's');
    eval(['name',int2str(i), '=str1;']);
    %     if (i==1)
    %         name=str1;
    %     else
    %         name=char(name,str1); % Create a character array.
    %     end
    score(1,i)=input('math score:    ');
    score(2,i)=input('english score:    ');

    avg(i)=(score(1,i)+score(2,i))/2; % avg(i) = sum(score(:,i))/2;
end

% output value
for i=1:N
    eval(['str1=name',int2str(i), ';' ]);
    fprintf('the average score of %s is %3.2f \n',str1,avg(i));
end
math_max = max(score(1, :));
math_min= min(score(1, :));
math_avg = mean(score(1, :));
math_std = std(score(1, :));
fprintf('\n\nmath std: %3.2f\n',math_std);
fprintf('\n\nmath avg: %3.2f\n',math_avg);
fprintf('\n\nmath max: %3.2f\n',math_max);
fprintf('\n\nmath min: %3.2f\n',math_min);

english_max = max(score(2, :));
english_min= min(score(2, :));
english_avg = mean(score(2, :));
english_std = std(score(2, :));
fprintf('\n\nenglish std: %3.2f\n',english_std);
fprintf('\n\nenglish avg: %3.2f\n',english_avg);
fprintf('\n\nenglish max: %3.2f\n',english_max);
fprintf('\n\nenglish min: %3.2f\n',english_min);

save score_data N score

Error using input
Cannot call INPUT from EVALC.

Error in D1265209_3 (line 4)
N=input('    number of student:    ');

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