```matlab
% Function M File%

function [tmax,hmax]=quiz21(v0x,v0y,g)

tmax=v0x/g;
hmax=v0y.^2/2*g;

end




% Script M File%

for i=1:2   % to input variable(a) twice%

a=input('a=  '); g=9.81;

v0=10:20;  teta=30:40; %vector incerement%

v0x=v0.*cosd(teta);  v0y=v0.*sind(teta);

[tmax,hmax]=quiz21(v0x,v0y,g); %calling function M
file%

switch(a)  %conditional statement%

    case 1
        disp(tmax);
    case 2
        disp(hmax);
    otherwise
        disp('wrong number')


end    %to end siwtch-case%
end    %to end for%
```