```matlab
function gui_calculator_4function
% gui_calculator has 2 edit boxes for
numbers and
%   adds, subtracts, multiplies or divides
them
set(figure,'Name','GUI
Calculator','Position',[500,200,500,400])
n1=0; n2=0;
title =
uicontrol('Style','text','Position',[160,35
0,200,30],'FontSize',20,'String','Four
Function Calculator');
firstnum =
uicontrol('Style','edit','Position',[20,250
,100,40],'FontSize', 20,
'String',num2str(n1));
operator =
uicontrol('Style','text','Position',[130,25
0,50,40],'FontSize', 20);
secondnum =
uicontrol('Style','edit','Position',[190,25
0,100,40],'FontSize',
20,'String',num2str(n2));
equal_sign =
uicontrol('Style','text','Position',[300,25
0,50,40],'FontSize', 30,'String','=');
result =
uicontrol('Style','text','Position',[360,25
0,100,40]);
add_button =
uicontrol('Style','pushbutton',
```

```matlab
'String','Add','Position',[50,150,90,60],
'Callback',@callbackfn);
subtract_button=
uicontrol('Style','pushbutton',
'String','Subtract','Position',[150,150,90,
60], 'Callback',@callbackfn);
multiply_button =
uicontrol('Style','pushbutton',
'String','Multiply','Position',[250,150,90,
60], 'Callback',@callbackfn);
divide_button =
uicontrol('Style','pushbutton',
'String','Divide','Position',[350,150,90,60
], 'Callback',@callbackfn);

 function callbackfn(source,eventdata)
    n1=str2num(get(firstnum,'String'));
    n2=str2num(get(secondnum,'String'));
if source == add_button
op='+';
answer=n1+n2;
elseif source == subtract_button
op=' -';
answer=n1-n2;
elseif source == multiply_button
op='*';
answer=n1*n2;
elseif source == divide_button
op='/';
answer=n1/n2;
end
set(operator,'String',op,'FontSize',30)
```

```
set(result,'String',num2str(answer),'FontSi
ze',22)
end
end
```