```matlab
function varargout = Gui_main(varargin)
% GUI_MAIN MATLAB code for Gui_main.fig
%      GUI_MAIN, by itself, creates a new GUI_MAIN or raises the existing
%      singleton*.
%      H = GUI_MAIN returns the handle to a new GUI_MAIN or the handle to
%      the existing singleton*.
%      GUI_MAIN('CALLBACK',hObject,eventData,handles,...) calls the local
%      function named CALLBACK in GUI_MAIN.M with the given input arguments.
%      GUI_MAIN('Property','Value',...) creates a new GUI_MAIN or raises the
%      existing singleton*.  Starting from the left, property value pairs are
%      applied to the GUI before Gui_main_OpeningFcn gets called.  An
%      unrecognized property name or invalid value makes property application
%      stop.  All inputs are passed to Gui_main_OpeningFcn via varargin.
%
%      *See GUI Options on GUIDE's Tools menu.  Choose "GUI allows only one
%      instance to run (singleton)".
%
% See also: GUIDE, GUIDATA, GUIHANDLES

% Edit the above text to modify the response to help Gui_main

% Last Modified by GUIDE v2.5 16-Mar-2016 21:35:03

% Begin initialization code - DO NOT EDIT
gui_Singleton = 1;
gui_State = struct('gui_Name',       mfilename, ...
                   'gui_Singleton',  gui_Singleton, ...
                   'gui_OpeningFcn', @Gui_main_OpeningFcn, ...
                   'gui_OutputFcn',  @Gui_main_OutputFcn, ...
                   'gui_LayoutFcn',  [] , ...
                   'gui_Callback',   []);
if nargin && ischar(varargin{1})
    gui_State.gui_Callback = str2func(varargin{1});
end

if nargout
    [varargout{1:nargout}] = gui_mainfcn(gui_State, varargin{:});
else
    gui_mainfcn(gui_State, varargin{:});
end
% End initialization code - DO NOT EDIT

%feature('DefaultCharacterSet', 'UTF8')
% --- Executes just before Gui_main is made visible.
function Gui_main_OpeningFcn(hObject, eventdata, handles, varargin)
% This function has no output args, see OutputFcn.
% hObject    handle to figure
% eventdata  reserved - to be defined in a future version of MATLAB
% handles    structure with handles and user data (see GUIDATA)
% varargin   command line arguments to Gui_main (see VARARGIN)

RGB = imread('slika1.jpg');
```

```matlab
imshow(RGB);
%axis image;
set(handles.Gui_Main, 'units', 'normalized', 'position', [0.05 0.15 0.9 0.8])



% Choose default command line output for Gui_main
handles.output = hObject;

% Update handles structure
guidata(hObject, handles);

% UIWAIT makes Gui_main wait for user response (see UIRESUME)
% uiwait(handles.Gui_Main);


% --- Outputs from this function are returned to the command line.
function varargout = Gui_main_OutputFcn(hObject, eventdata, handles)
% varargout  cell array for returning output args (see VARARGOUT);
% hObject    handle to figure
% eventdata  reserved - to be defined in a future version of MATLAB
% handles    structure with handles and user data (see GUIDATA)

% Get default command line output from handles structure
varargout{1} = handles.output;


% --- Executes on button press in pushbutton1.
function pushbutton1_Callback(hObject, eventdata, handles)
% hObject    handle to pushbutton1 (see GCBO)
% eventdata  reserved - to be defined in a future version of MATLAB
% handles    structure with handles and user data (see GUIDATA)
close()
GUI_IzbKat



% --- Executes when Gui_Main is resized.
function Gui_Main_ResizeFcn(hObject, eventdata, handles)
% hObject    handle to Gui_Main (see GCBO)
% eventdata  reserved - to be defined in a future version of MATLAB
% handles    structure with handles and user data (see GUIDATA)


% --- Executes on button press in pushbutton2.
function pushbutton2_Callback(hObject, eventdata, handles)
% hObject    handle to pushbutton2 (see GCBO)
% eventdata  reserved - to be defined in a future version of MATLAB
% handles    structure with handles and user data (see GUIDATA)

close()
Gui_naziv_ucitavanje
```
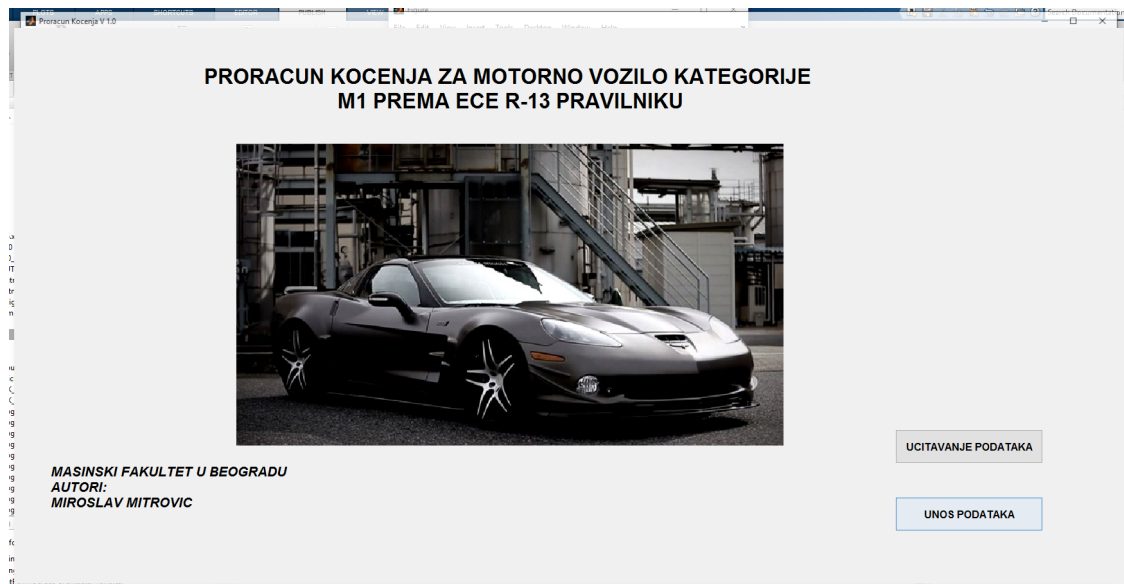
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