



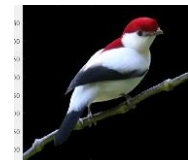





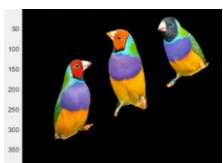




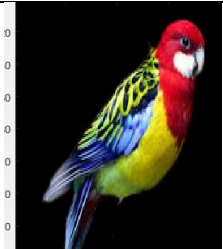


Nama : Mohammad Rahadi Venta Pratama

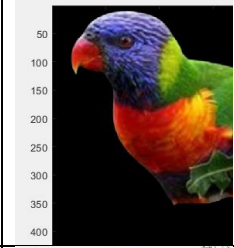


NIM : 1918034 (A)

Tugas Ekstrasi Fitur Warna

Data Citra

NO	Gambar	Red (R)	Green (G)	Blue (B)	Hasil
1		0.0636119	0.0566905	0.0466421	0.166944
2		0.0711166	0.0891631	0.107547	0.267827
3		0.0831656	0.0818657	0.0271371	0.192168
4		0.0875134	0.0553283	0.0608925	0.203734
5		0.0956971	0.0939362	0.0942875	0.283921
6		0.130913	0.113514	0.0854377	0.329865
7		0.214107	0.127753	0.0965683	0.438429

8		0.100753	0.0947852	0.055637	0.251175
9		0.0777164	0.100398	0.0492841	0.227398
10		0.119229	0.098062	0.0687521	0.286043
11		0.147638	0.16687	0.0794421	0.39395
12		0.0560228	0.0582037	0.0705898	0.184816
13		0.142658	0.196867	0.190214	0.529739
14		0.0614478	0.0538736	0.0437461	0.159068
15		0.0919153	0.0749786	0.0571239	0.224018
16		0.15936	0.094047	0.0805724	0.333979
17		0.215135	0.204036	0.159977	0.579148

18		0.149033	0.128805	0.0724796	0.350317
19		0.146383	0.0967567	0.0563549	0.299495
20		0.127117	0.0625224	0.0479038	0.237543

Source Code Push Button 1 (Input Citra)

```
function pushbutton1_Callback(hObject, eventdata, handles)
open=guidata(gcbo);
[namafile]=uigetfile({'*.jpg;*.jpeg;*.webp;*.bmp;*.tif'}, 'openimage');
I=imread(namafile);
set(open.figure1, 'CurrentAxes', open.axes1);
set(imagesc(I)); colormap('gray');
set(open.axes1, 'Userdata', I);
```

Source Code Push Button 2 (Ektrasi Fitur)

```
open=guidata(gcbo);
E=get(open.axes1, 'Userdata');
fR=E(:,:,1);
fG=E(:,:,2);
fB=E(:,:,3);
fr=mean(mean(fR));
fb=mean(mean(fG));
fc=mean(mean(fB));
frr=fR/255;
fbb=fB/255;
fcc=fC/255;
total=(frr+fbb+fcc)/3;
h=(frr+fbb+fcc);
set(handles.edit1, 'String', frr)
set(handles.edit2, 'String', fbb)
set(handles.edit3, 'String', fcc)
set(handles.edit4, 'String', h)
```