MODUL PCD

II

2.1 Tujuan

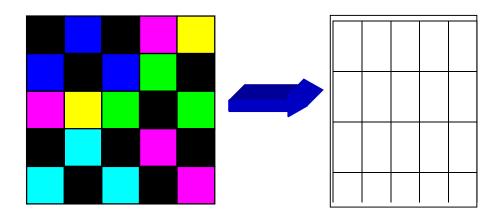
Pixel

pixel

2.2 Dasar Teori

Gambar / Citra

pixel picture element

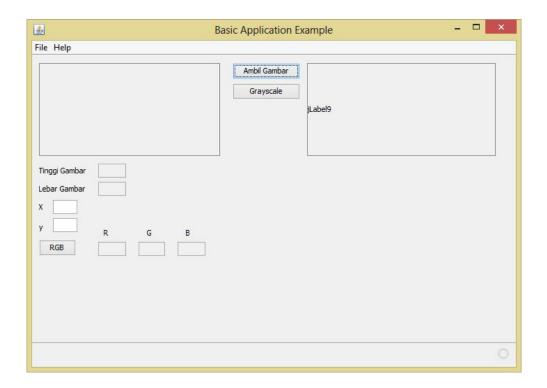


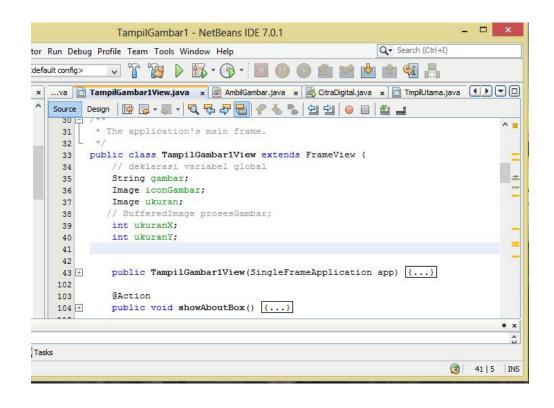
Gambar 2.1 Ilustrasi citra dan data yang disimpan di memori

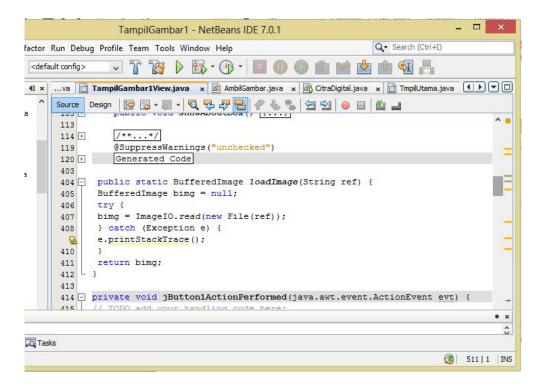
Bit Depth	Kedalaman Warna	pixel depth	color depth	
				bit
				bit
=				
pixel		resolusi		
	pixel			
				pixel
		pixel		
Format Fi	le Citra			
	Bitmap/bmp	bitma	n	
	Энтар, стр	o maj	Υ	
	GIF (Graphics Interchange Format)			
				LZW
compress	ion	loseless		
	JPEG/JPG (Joint P	hotographic Evn	outs Group)	
	JI EU/JI G (JOINL F	поюдгирию Ехр	teris Group)	
				1
				lossy
compress	iOri			

Portable Document Format)

2.3 Langkah Praktikum









```
TampilGambar1 - NetBeans IDE 7.0.1
                                                                          Q - Search (Ctrl+
or Run Debug Profile Team Tools Window Help
                    lefault config>
   ...va TampilGambar1View.java x 📾 AmbilGambar.java x 🐼 CitraDigital.java x 📋 TmpilUtama.java x 🚳 Am
   Source Design | 👺 🖟 🔻 🗸 🖓 🖶 | <equation-block> 🖓 📞 💇 🚉 | 🔞 📦 | 🐠 🚅
    442 - 3
    443 private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    444
          // TODO add your handling code here:
          BufferedImage loadIng = loadImage(gambar);
    445
    446
          int x = Integer.parseInt(jTextKoordX.getText());
          int y = Integer.parseInt(jTextKoordY.getText());
    447
    448
          int rgb = loadIng.getRGB(x, y);
    449
    450
          int merah = (rgb >> 16)&0xff;
          int hijau = (rgb >> 8)&0xff;
    451
      0
           int biru = (rgb >> 0)&0xff;
    453
    454
           jTextRgb.setText(Integer.toString(merah));
           jTextHijau.setText(Integer.toString(hijau));
    455
    456
           jTextBiru.setText(Integer.toString(biru));
    457
    458
    459
```

