```java
package gobalkrishnan_v_18_06_1995.frame;

import gobalkrishnan_v_18_06_1995.color.gkiColor;

public class gkiPixel  {

public BufferedImage im;
public int[] data;
public int[] temp;
Dimension d=Toolkit.getDefaultToolkit().getScreenSize();
int maxWidth=(int)d.getWidth();
int maxHeight=(int)d.getHeight();
int width,height,viewWidth,viewHeight;
public int id;
public String name,subName;

public void maximumSize(){
    setSize(d);
}
public void normalSize(){
    width=(int) (d.getWidth()/1.3d);
    height=(int) (d.getHeight()/1.3d);
    setSize(width, height);
}
public void setSize(int w,int h){
    viewWidth=w;
    viewHeight=h;
    im=new BufferedImage(viewWidth, viewHeight, BufferedImage.TYPE_INT_ARGB);
    data=new int[viewWidth*viewHeight];
    temp=new int[viewWidth*viewHeight];
    initialize();

}
public void setSize(Dimension d){
    viewWidth=(int) d.getWidth();
    viewHeight=(int) d.getHeight();
    im=new BufferedImage(viewWidth, viewHeight, BufferedImage.TYPE_INT_ARGB);
    data=new int[viewWidth*viewHeight];
    temp=new int[viewWidth*viewHeight];
    initialize();

}


public gkiPixel(){

    maximumSize();
```

```java
}
public void setARGB(int i,int j,gkiColor c){
    data[i+j*viewWidth]=1;
    im.setRGB(i, j, new Color(c.argb,true).getRGB());
}
public gkiColor getARGB(int i,int j){
     gkiColor c=new gkiColor(im.getRGB(i, j));
    return c;

}


public void initialBound(){

    for(int i=0;i<viewWidth;i++){
        for(int j=0;j<viewHeight;j++){

            if(im.getRGB(i, j)!=0){
                temp[i+j*viewWidth]=1;
            }

            }
    }

}

public void color(gkiColor g){

    for(int i=0;i<viewWidth;i++){
        for(int j=0;j<viewHeight;j++){
            im.setRGB(i, j, new Color(g.argb,true).getRGB());
        }
    }

}

public void tempBound(){

    for(int i=0;i<viewWidth;i++){
        for(int j=0;j<viewHeight;j++){
            if(data[i+j*viewWidth]!=0){
            temp[i+j*viewWidth]=   data[i+j*viewWidth];
            }
        }
    }

}
```

```java
public void tempBound(int[] data){

    for(int i=0;i<viewWidth;i++){
        for(int j=0;j<viewHeight;j++){
            temp[i+j*viewWidth]= data[i+j*viewWidth];


        }
    }

}

public boolean contain(int x,int y){
    for(int i=0;i<viewWidth;i++){
        for(int j=0;j<viewHeight;j++){
            int s=temp[i+j*viewWidth];
            if(s!=0){
             if((x==i) && (y==j)){
              return true;
             }
            }
        }
    }
    return false;
}
public void initialize(){
    for(int i=0;i<viewWidth;i++){
        for(int j=0;j<viewHeight;j++){
            im.getRGB(i, j);
            data[i+j*viewWidth]=0;
            temp[i+j*viewWidth]=0;
            im.setRGB(i, j, new Color(0,true).getRGB());

        }
    }
}

public BufferedImage getImage(){
    return im;
}


}
```