public boolean equals(Object otherObject)

{

if (!(otherObject instanceof MyArt))

{

return false;

}

MyArt otherArt = (MyArt) otherObject;

Picture otherImage = otherArt.getImage();

if(otherImage.getWidth()!=image.getWidth() || otherImage.getHeight()!=image.getHeight())

{

return false;

}

for(int x = 0; x < image.getWidth(); x++)

{

for(int y = 0; y < image.getHeight(); y++)

{

Pixel otherPix = otherImage.getPixel(x, y);

Pixel thisPix = image.getPixel(x, y);

int thisRed = thisPix.getRed();

int thisGreen = thisPix.getGreen();

int thisBlue = thisPix.getBlue();

int otherRed = otherPix.getRed();

int otherGreen = otherPix.getGreen();

int otherBlue = otherPix.getBlue();

if ((thisRed != otherRed) || (thisGreen != otherGreen) || (thisBlue != otherBlue))

{

return false;

}

}

}

return true;

}

public void export(String outputFileName)

{

if(outputFileName == null)

{

outputFileName = "myMasterpiece.jpg";

}else{

outputFileName += ".bmp";

}

java.io.File outputFile = new java.io.File(outputFileName);

java.awt.image.BufferedImage bi = image.getBufferedImage();

try{

javax.imageio.ImageIO.write(bi, "bmp", outputFile);

}catch(Exception e){

}

}