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# Watermarker

3. x

User Manual

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## 1 Introduction

Watermarking is a process by which we put some text, shape, or logo image on a picture which is to be protected for copyrights of the owner. It can be used in many ways like captioning the image, making greetings, labeling images etc. This software is a powerful tool for watermarking image batches. The software produces web compatible (96 dpi) image in output. This software is capable of resizing images, vary quality of original images and adding watermark of Texts of different color and fonts, Shape of different size and color, images as logo which can be scaled before adding, different caption for each photo. You can also view the preview of watermarked image before generating it. This all process can be done on single image, multiple images, all images in folder or all images in folders and its subfolders. It supports **Jpeg, Png, Gif, Bmp, Tiff** image formats and It also supports Raw images from different cameras (find details in Supported formats section). You can save your settings and can import it whenever you need it. This software is **java based** software and hence can run on any operating system on which java is installed. **And all this is absolutely Free!!** So try and get enlighten.

Watermarking Images 3<sup>rd</sup> version is upgraded to handle multipage tiff images, and a added option to convert image to PDF format.

## 2 Licenses

Licenses of the software and third-party are included within the zip file. Please read license before using the software. Even though software is free but is governed by Terms and condition of licenses.

### 3 Installations

#### *How to install WaterMarker 3.x Software?*

For installation of WaterMarker 3.x you need to have Java 6 installed on your machine with its environment variables set. [Download Java](#) if you don't have it installed on your system. Download Watermarker3.x and extract it into some folder. Do not disturb the folder structure. To start watermarker3.x double click on WaterMarker3.x.jar.

If you are using raw image files for processing you will require to set [-Xmx512m](#) or –Xmx1024m as Virtual Machine Argument.

## 4 Supported formats

### *Which image formats does this software support?*

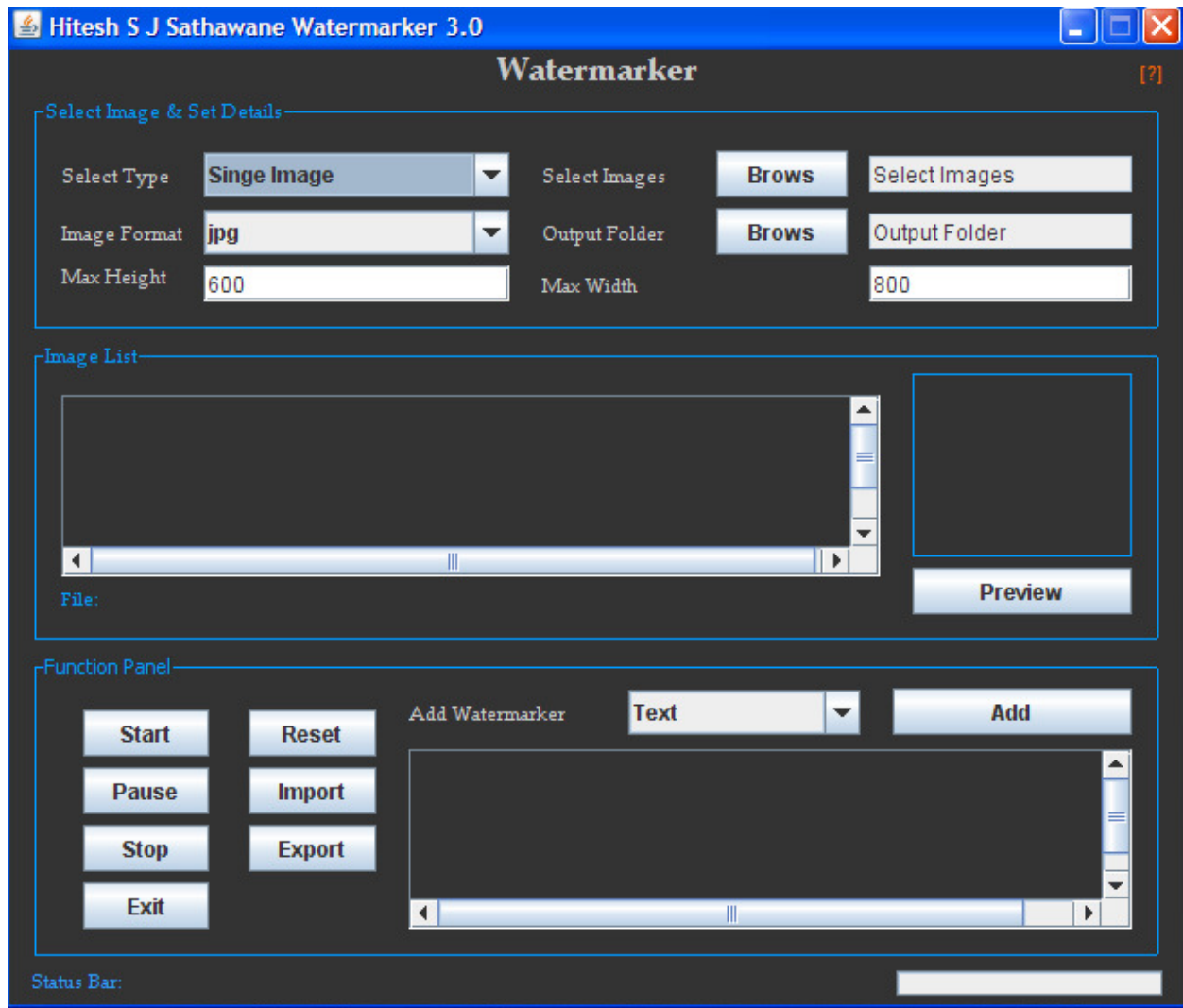
This software supports various famous input image formats and Raw Image formats as follows.

- i. Jpg/Jpeg/Jfif/Jpe
- ii. Tif/Tiff
- iii. Gif
- iv. Bmp
- v. Png
- vi. Nef
- vii. Crw
- viii. Cr2
- ix. Arw
- x. Dng
- xi. Pef
- xii. Mrw
- xiii. Dcr

You can check which cameras raw images are supported by the Software at [Jrawlo Camera Supports](#). You can obtain updated version of [Jrawlo](#) and place its jar files in lib folder.

Output formats supported by software are JPEG and PDF

## 5 Main Panel



The Main Panel is divided into four main groups

- a) Select Image & Set Details
- b) Image List
- c) Function Panel
- d) Status Bar

Also with these four panels we have a help “[?]” Sign, which shows some tips in tooltip format.



## Select Image & Set Details

In this panel we have some basic functions like

- Selecting if you want to watermark single image, multiple image, all images in a folder or all images in folder and subfolder
- Select the images to be watermark
- Select output folder
- Set Max Height and Width which is allowable for images
- Select output format

## Image List

This panel shows the list of images which are selected for watermarking process.

You can view the thumbnail preview of the image selected in the panel adjacent to it.

You can view how your image will look after watermarking by selecting particular image and clicking on preview button.

This facility is not available for raw images as it takes lots of time

## Function Panel

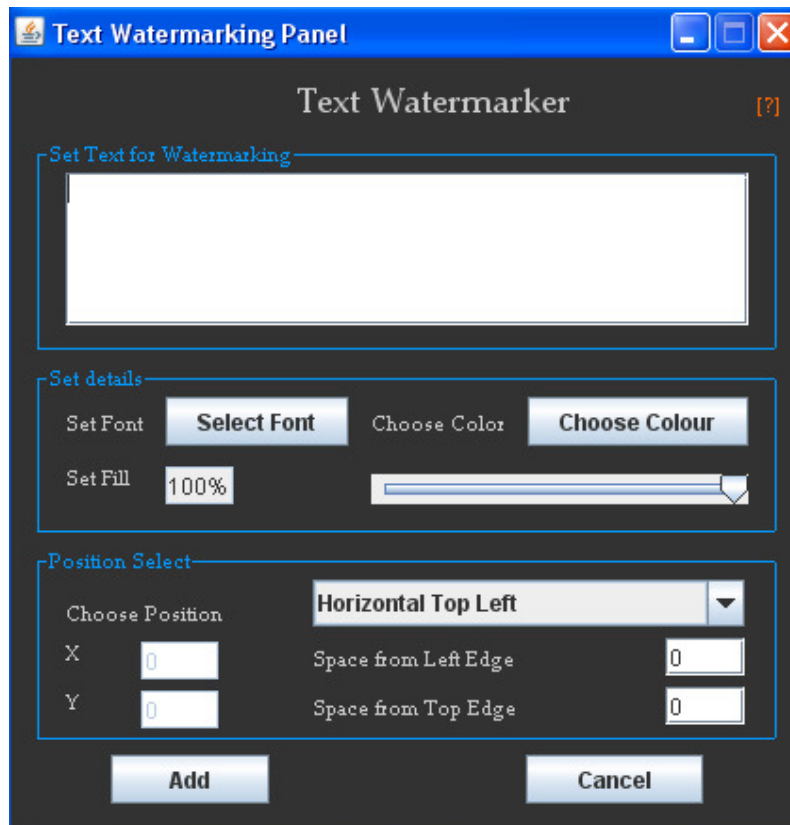
Function panel has many functions like Start, Pause, Stop, Reset, Import, Export, Exit, and Add Watermarks which are discussed in sections below.

## Status Bar

This panel shows current status of program and also progress bar is available to show the progress of watermarking process.

## 6 Add Text

### *How to Add Text Watermarker?*



The Text Panel is divided into three main groups

- a) Set Text for Watermarking
- b) Set details
- c) Position Select

Also with these four panels we have a help "[?]" Sign, which shows some tips in tooltip format.

### **Set Text for Watermarking**

You can set Text which is to be added as watermarker for example "Copyright ©2011 Hitesh Sathawane".

## **Set details**

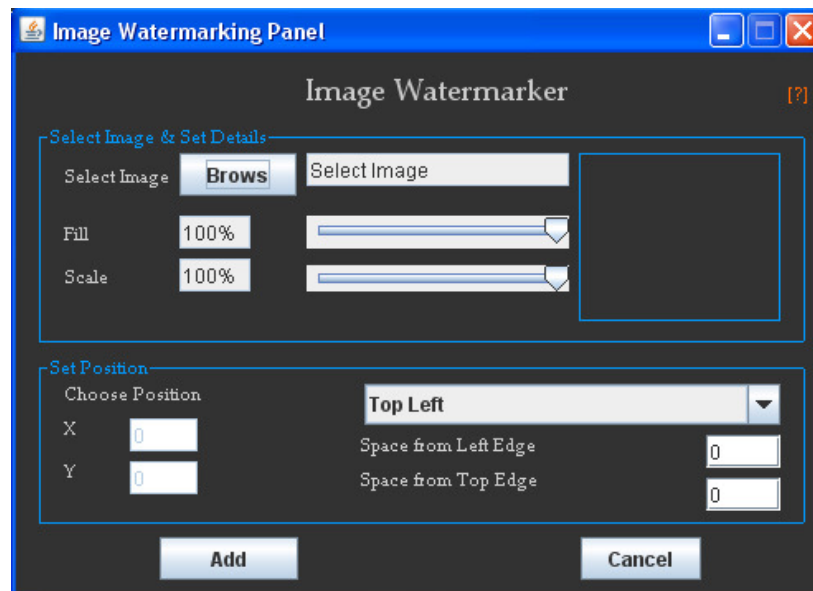
This group has functions such as selecting font, color and opacity (fill) for watermark.

## **Position Select**

You can choose the style in which the text is to be added as watermark. With respect to the selection you get option to set custom position or set space from respective edge of image.

## 7 Add Image

### *How to Add Image Watermarker?*



The Image Panel is divided into two main groups

- a) Set Image & Set Details
- b) Position Select

Also with these four panels we have a help "[?]" Sign, which shows some tips in tooltip format.

### **Set Image & Set Details**

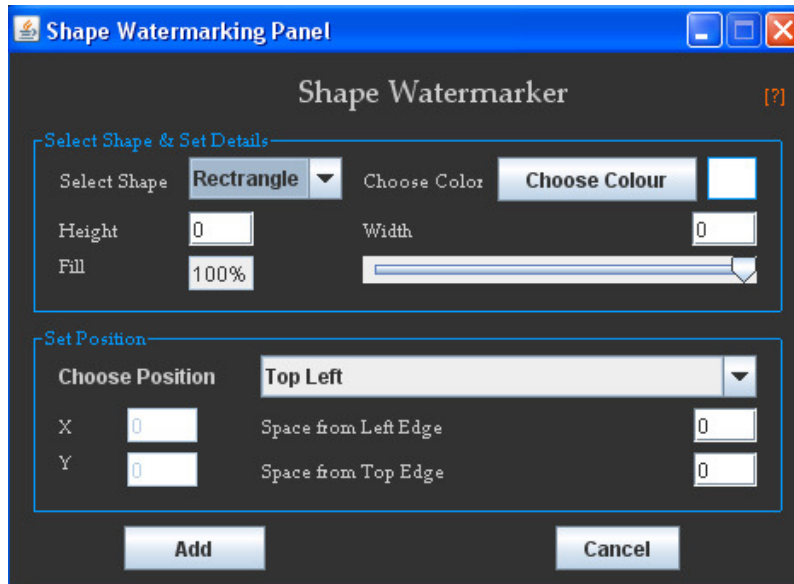
Select image or logo to be used as watermarker, set opacity of the image (fill), set scale of the image i.e. the percentage to which the image or logo size is to be reduced.

### **Position Select**

You can choose the style in which the image is to be added as watermarker. With respect to the selection you get option to set custom position or set space from respective edge of image.

## 8 Add shape

### *How to Add Shape Watermarker?*



The Shape Panel is divided into two main groups

- a) Set Shape & Set Details
- b) Position Select

Also with these four panels we have a help “[?]” Sign, which shows some tips in tooltip format.

### **Set Shape & Set Details**

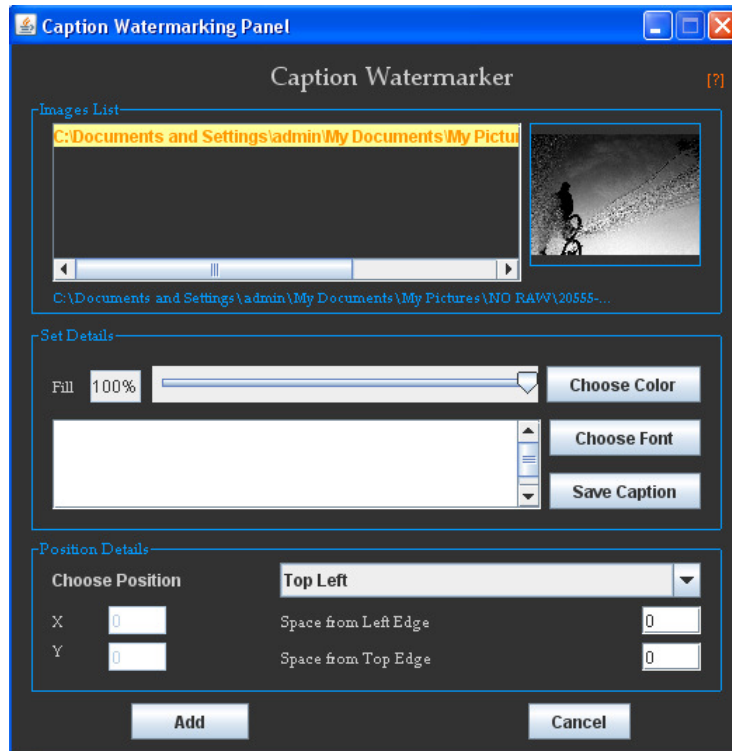
You can select the shape, set its height, width, color and opacity (fill). The selected color is shown in panel adjacent to it.

### **Position Select**

You can choose the style in which the shape is to be added as watermark. With respect to the selection you get option to set custom position or set space from respective edge of image.

## 9 Add Caption

### *How to Add Caption to each image?*



The Caption Panel is divided into three main groups

- a) Image List
- b) Set details
- c) Position Select

Also with these four panels we have a help "[?]" Sign, which shows some tips in tooltip format.

### **Image List**

You can view all the images selected in this panel with its thumbnail preview and path.

## **Set details**

This group has functions such as selecting font, color and opacity (fill) for watermark. Set caption for the selected image in the text area and click on save caption button. You need to click on save caption every time before you select different image from image panel.

## **Position Select**

You can choose the style in which the caption is to be added as watermark. With respect to the selection you get option to set custom position or set space from respective edge of image.

## 10 Processing

### *How to resize image?*

- Start Watermarker 3.x
- Select if you want to resize single image, multiple image, all images in a folder or all images in folder and its subfolder.
- Select output folder
- Set max allowable Height and Max allowable Width
- Set quality of image
- Click on start button.
- Check status bar and progress bar about the progress
- After completion of process check output folder.

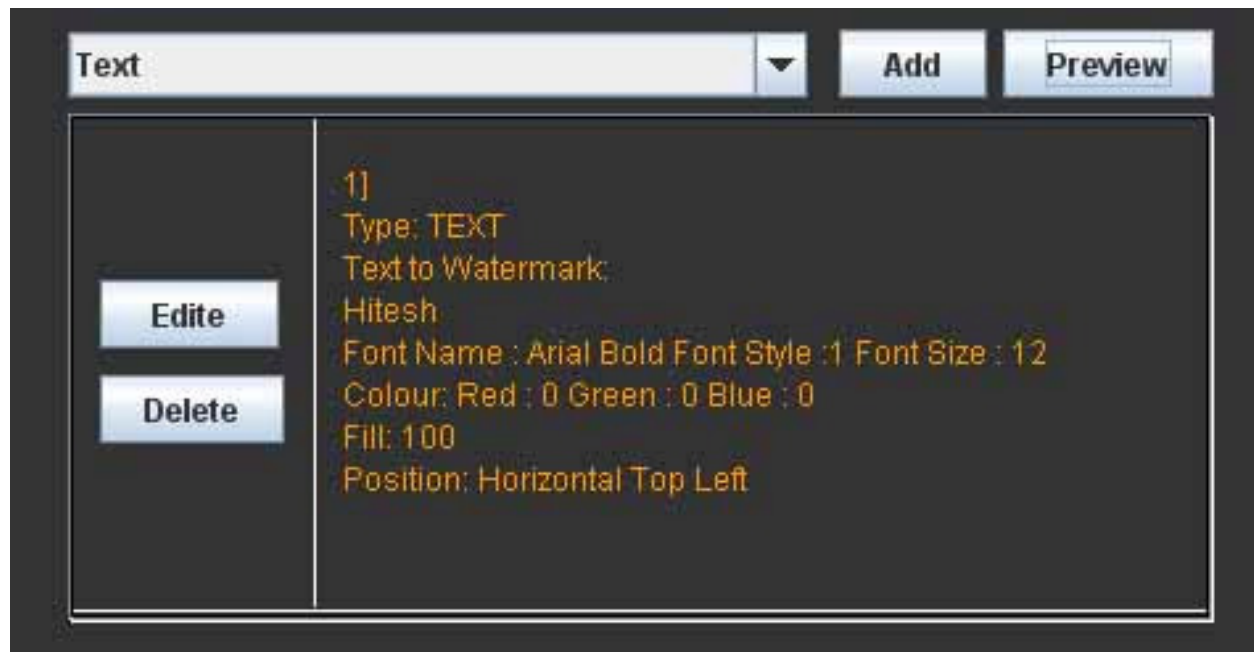
### *How to watermark images?*

- Start Watermarker 3.x
- Select if you want to resize single image, multiple image, all images in a folder or all images in folder and its subfolder.
- Select output folder
- Set max allowable Height and Max allowable Width
- Set quality of image
- Select Text, Image or Shape in select Watermarker select box.
- Click on Add button



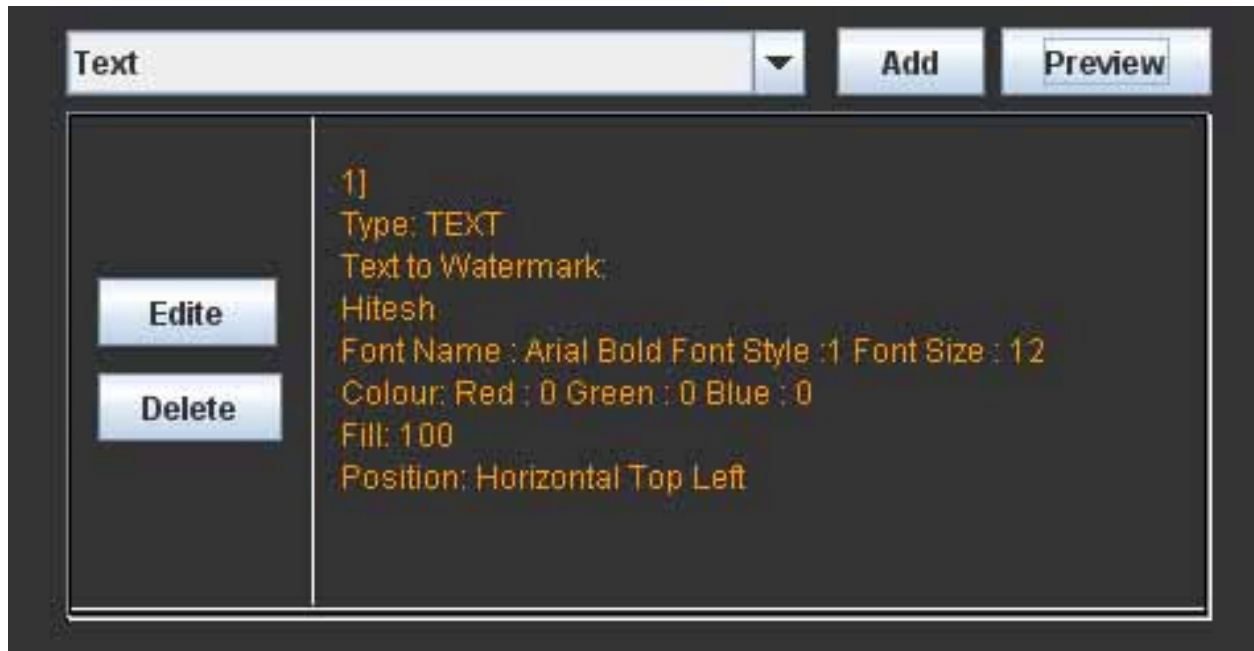
- This will open respective watermarking panel.
- To Add Text select Text in select Watermarker select box and click on Add button.
- Set Font, Color, opacity, Text String, its position and space from respective edge, of the text Watermarker.
- To Add Image select Image in select Watermarker select box and click on Add button.
- Select image to be added as logo
- Set Opacity, Image Scale, its position and space from respective edge, of the image Watermarker.
- To Add Shape select Shape in select Watermarker select box and click on Add button.
- Select shape to be added
- Set its Height, Width, Color, Opacity, its position and space from respective edge, of the Shape Watermarker.
- Click on start button.
- Check status bar and progress bar about the progress
- After completion of process check output folder.

## How to Edit Watermarker Settings?



- Click on Edit Button in Watermarker Panel.
- Respective Edit panel will open
- Edit the parameters and update the changes by clicking on update button

### ***How to Delete Watermarker Settings?***



- Click on delete button to delete respective settings.

### ***How to Pause and Resume the Process?***

- Click on pause button to pause process while processing watermarks.
- Click again on start button to resume the process.

### ***How to Stop the Process?***

- Click on Stop button to stop process.

### ***How to Close Watermarker 3.x?***

- Click on Exit button to Exit Watermarker 3.x

### ***How to reset current settings?***

- Click on Reset Button.

### ***How to Save Current Settings?***

- After you confirm your settings
- Select output Folder where settings are to be stored.
- Click on Export Settings button

### ***How to Import Settings?***

- Click on import settings
- Select the properties XML File
- You would get a message if import of settings are successful or unsuccessful
- Select Images to be Watermarked and output folder.

### ***How to view Preview what settings I have Done?***

- After confirmation of settings click on preview button on main panel.

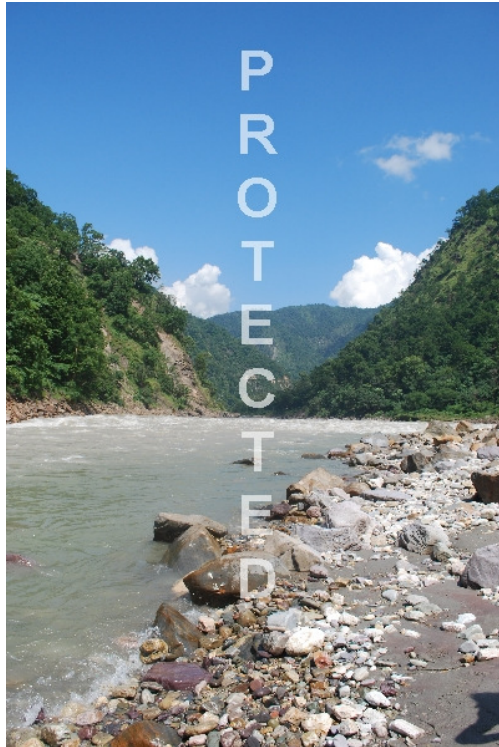
## 11 Sample watermarks



Horizontal Bottom Left Text and Shape Watermarking



Vertical Top Left Text and shape Watermarking



Vertical Top Middle Watermarking



Top to Bottom Diagonal text Watermarking





Bottom to Top Diagonal text Watermarking

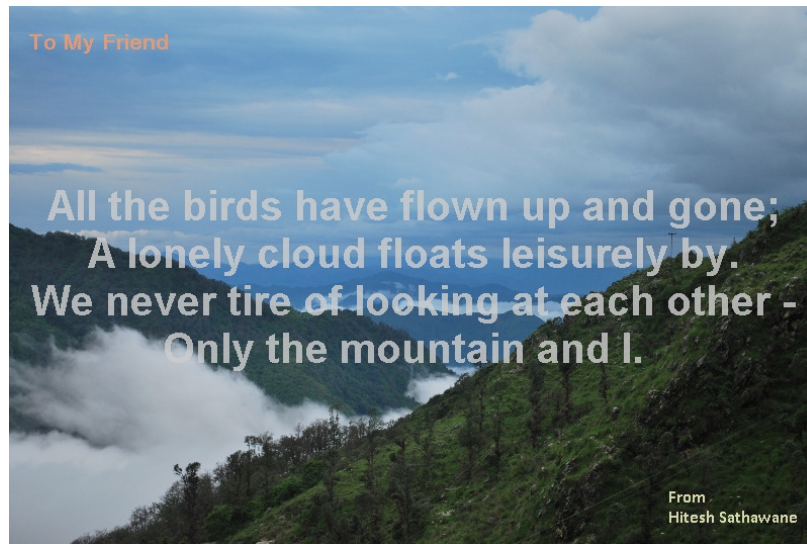


Multiple Images Text and Shape Watermarking



Caption and copyright watermarking





Making Greetings using watermarking tool

## 12 Tips

- The Watermark which is added last will appear on the topmost layer of image
- Click on preview get some idea of the standard size images

## 13 References

Blog:

<http://simplewatermark.blogspot.com/>

Source Forge:

<http://watermarkimages.sourceforge.net/>

Download it here:

<http://sourceforge.net/projects/watermarkimages/files/>

Help:

<http://sourceforge.net/projects/watermarkimages/forums/forum/1072881/topic/3515929>

Jrawlo:

<http://jrawio.rawdarkroom.org/>

Sanselan Meta data support:

<http://commons.apache.org/sanselan/>

Java Advance Imaging

<http://java.sun.com/products/java-media/jai/whatis.html>

Ittext, a JAVA-PDF Library

<http://sourceforge.net/projects/itext/>

